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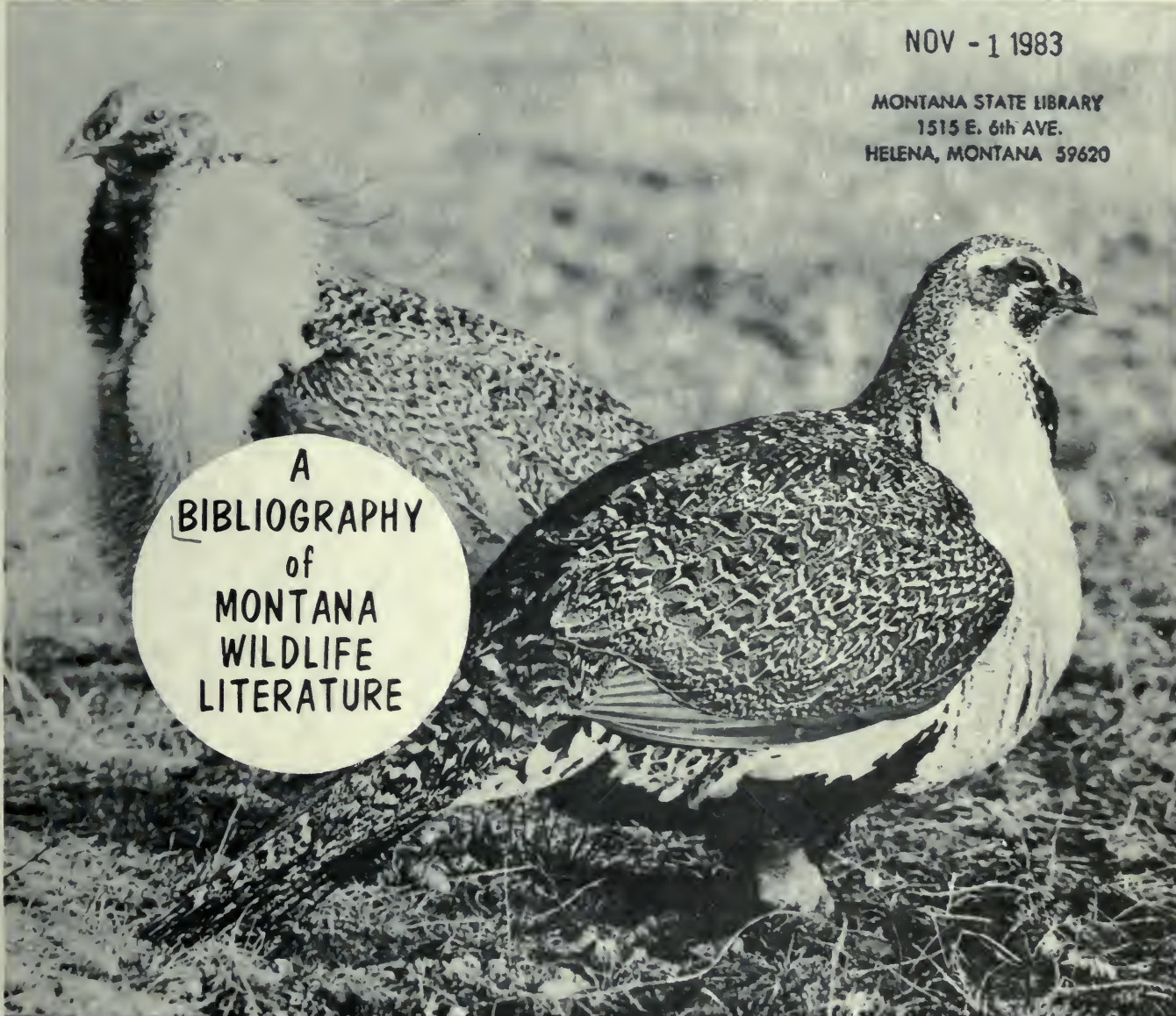


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A black and white photograph of two mountain quail in a field. One quail is in the foreground, facing right, with its head turned slightly back. The other quail is behind it, facing left. They have mottled brown and white feathers. A white circular graphic is overlaid on the left side of the image.

A
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GAME RESEARCH REPORT

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A LIST OF LITERATURE PERTAINING TO WILDLIFE RESEARCH AND MANAGEMENT IN MONTANA^{1/}

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Foreword

This compilation was undertaken in an attempt to provide researchers, game managers and others with ready reference to publications, unpublished research reports and other literature concerning wildlife in Montana. It should serve a real purpose in evaluation of past efforts and be useful in determination of future needs and priorities for wildlife research in the state.

The principal criterion for inclusion was that the material relate to wildlife research or management work done, at least in part, in Montana. This has included work in Yellowstone National Park. All formal publications -- technical, semi-technical and popular -- were listed. Unpublished reports and materials were arbitrarily screened and listed only if they contained research results of possible significance or value and are on file and available for reference.

Progress reports of investigations continuing for several years were listed collectively under project titles or only the final report was used. Study Progress Reports from Quarterly and Annual Reports of the Montana Cooperative Wildlife Research Unit were not included nor were progress reports of graduate student projects at Montana State University. In most cases these studies have been reported and listed as theses publications. A list of periodicals, magazines and collective reports containing general survey and other information of interest to some readers is presented on Page 1 of this report.

We undoubtedly have not compiled a complete list, especially in the historical, non-game species, range and forest management, and domestic livestock categories. We have not included all of the titles listed by Habeck and Hartley in their bibliography on the vegetation of Montana. The reader interested in early floral collections is directed to that publication for additional titles. Many references which should have been included undoubtedly were overlooked. We ask the reader's cooperation in bringing these to our attention so that the list can be revised to greater completeness and periodically brought up to date. Permanent card files will be held for this purpose in the Montana Fish and Game Department, Game Management Division Office in Helena and in the Research Office, in Bozeman.

Titles are listed only once, under the most appropriate subject heading (See Subject Category Index, pp. 2-3). Partial cross-indexing is provided by the "see also" subject-author-publ. date listings at the end of each section.

Thanks are extended to the many persons who submitted personal bibliographies, agency bibliographies, miscellaneous titles and materials or otherwise assisted in compiling this report.

Periodicals, reports, etc., containing general survey-type information on game in addition to titles listed in this report.

1. Montana Fish and Game Commission. Biennial Reports. 1903-present.
2. Federal Aid in Wildlife Restoration, Montana Project Job Completion Reports. Miscellaneous Titles. 1955-present.
3. Federal Aid in Wildlife Restoration, Montana Projects Quarterly Reports. Miscellaneous Project, Job and Segment Titles. 1947-1954.
4. Montana Fish and Game Department. County and/or Management Unit Reports. Miscellaneous Titles. 1941-1946.
5. Montana Cooperative Wildlife Research Unit, University of Montana, Missoula. Quarterly and Annual Reports.
6. Montana Wildlife. Montana Fish and Game Department, Helena. Quarterly Magazine. 1951-present.
7. Outdoor Montana. Montana Fish and Game Department, Helena. Monthly Magazine. 1966-present.
8. Sporting Montana. Montana Fish and Game Department, Helena. Published in 1940's.
9. Montana Fish and Game Notes. Montana Fish and Game Department, Helena. Published in 1930's.
10. The Bighorn. Montana Fish and Game Department, Helena and Montana Sportsman's Association. Published in late 1920's.

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GENERAL

- Anonymous. 1904. Money Values of a State's Game. Montana Fish and Game Department Biennial Report. 1903-1904: 33-40.
- Anonymous. 1955. A New Program: Conservation Education for Adults. Montana Wildlife, Summer.
- Anonymous. 1964. Field Trips. Montana Wildlife, Spring.
- Adams, L. 1955. Punch-card Bibliographic File for Vertebrate Ecologists. J. Wildl. Mgmt., 19(4): 472-476.
- Blair, R. M. 1955. Impact of the Proposed Libby Dam Upon the Wildlife Resources of Lincoln County, Montana. P-R Compl. Report. Montana Fish and Game Department, Jan. 1955. 88 pp.
- Bolle, A. W. 1960. The Cooperative Study of Multiple Use of Natural Resources of the North Fork of the Flathead Valley. Unpubl. Rept. University of Montana, Missoula.
- Bolle, A. W. and R. D. Taber. 1962. Economic Aspects of Wildlife Abundance in Private Lands. Trans. N. Am. Wildl. and Nat. Resources Conf. 27: 255-267.
- Bradley, C. 1964. Recreation -- The Potential and the Problem. Montana Wildlife, Spring.
- Braum, C. E. and R. D. Taber. 1963. The Missoula Hunter: Expenditures and Bag, 1956-1962. Proc. Mont. Acad. Sci.
- Brenner, J. 1957. Poor Rancher -- Sportsmen Relations! A Barrier to Good Hunting. Montana Wildlife, Feb.
- Brown, C. J. D. 1947. Dams in Relation to Fish and Wildlife. Proc. Mont. Acad. Sci. 7: 8-10.
- Carroll, R. 1966. Selling Wildlife Management to the Public Through TV, Radio and Film. Forty-sixth Conf. West. Assoc. of State Game and Fish Comm.
- Cooney, R.F. 1953. Wilderness Areas -- Montana's Heritage. Montana Wildlife. Spring. 17-21.
- Craig, V. 1957. The Deep Sleep. Montana Wildlife. February.
- Craighead, J. J. 1964. Wilderness in Montana. A Report. The Living Wilderness. 85: 25-29.
- Hannum, Elizabeth and W. L. Pengelly. 1966. Montana's Recreation Challenge. Forty-sixth Annual Conf. of the West. Assoc. of State Game and Fish Comm.

- Melis, P. E. 1935. National Forests in Montana of Great Value. Montana Fish and Game Comm. Biennial Rept., 1934-35: 52-53.
- Pengelly, W. L. 1959. Why Conservation Education for Adults? Proc. 39th Ann. Conf. W. Assoc. Game and Fish Comm.
- Pengelly, W. L. 1961. State Conservation Programs and Problems in Montana. Cons. Ed. Assoc. Eighth Ann. Conf. 10 pp.
- Pengelly, W. Leslie. 1963. The Art of Social Conservation Naturalist (Fall). Minn. Nat. Hist. Soc. 14(3): 4-15.
- Pengelly, W. L. 1963. Big Problems from Little Efforts Grow. Mont. Wildl. Federation Ann. Proc. (Dec.).
- Pengelly, W. L. and Elizabeth Hannum. 1965. Homo Tremuloides and the Agency Image. Proc. 45th Ann. Conf. W. Assoc. Game and Fish Comm.
- Severy, J. W. and W. L. Pengelly. 1956. Montana's Venture in Wildlife Extension. Trans. N. Am. Wildl. Conf. 21: 595-602.
- Smith, E. H. and J. H. Berryman. 1962. Wildlife Extension - Past, Present and Future. Trans. 27th N. A. Wildlife Conf.
- Smith, E. 1966. Land Law Review from the Wildlife Standpoint. Forty-sixth Ann. Conf. West. Assoc. of State Game and Fish Comm.
- Swan, K. D. 1926. What the National Forests mean to Montana. U. S. Dept. Agr. Misc. Circ. 48, 28 pp. illus.
- Taber, R. D. Law Enforcement in Wildlife Training. Proc. Midwest Fish and Game Law Enf. Off. 13: 46-48.
- Thompson, K. 1950. Sport in Montana -- It's Big Business. Sporting Montana, Fall: 8-9.
- Thompson, K. 1954. What Will A Sportsman's Dollar Buy? Montana Wildlife, Spring.
- Turnbull, R. H. 1958. Where's My Permit? Montana Wildlife. Jan.
- Woodgerd, W. 1956. A Tally Counter Holder. Jour. Wildl. Mgmt. 20 (2): 198-199.

HISTORY

- Anonymous. 1942. Game Problems, Yesterday and Today. 1941-42 Biennial Report. Montana Fish and Game Commission.
- Allen, J. A. 1874. Notes on the Natural History of Portions of Montana and Dakota. Proc. Boston Soc. Nat. Hist., 17: 1-6.

- Barlow, J. W. and D. P. Heap. 1872. Report of a Reconnaissance in Wyoming and Montana Territories -- 1871. Government Printing Office, Washington, D. C. 48 pp., illus.
- Blankenship, J. W. 1905. A Century of Botanical Exploration in Montana, 1805-1905; Collections, Herbaria and Bibliography. Mont. Agr. Coll. Sci. Studies, 1: 3-31.
- Callaway, L. L. 1930. Montana's Game in Vigilante Days. Mont. Fish and Game Comm. Biennial Report 1929-30: 17-20.
- Coues, E. 1893. History of the Expedition under the Command of Lewi and Clark. F. P. Harper Co., New York. Vol I. "The Missouri from the Yellowstone to the Musselshell", pp. 287-320. Vol. III. "Botany and Zoology". pp. 821-839.
- Douglas, D. 1836. A Sketch of a Journey to the Northwestern Parts of the Continent of North America during the Years 1824-1827. Hooker's J. of Botany, 2: 82-177.
- Geyer, C. A. 1846. Notes on the Vegetation and General Character of the Missouri and Oregon Territories, made During a Botanical Journey From the State of Missouri, Across the South Pass of the Rocky Mountains to the Pacific During the Years, 1843 and 1844. London J. of Bot., 4: 479-492, and 5: 22-41, 198-208, 285-310, 509-524.
- Harvard, V. 1878. Botanical outlines of the Country Marched over by the Seventh U. S. Cavalry During the Summer of 1877. Ann. Rpt., Chief of Engineers, U.S. Army, App. QQ.: 1681-1687.
- Koch, F. 1941. Big Game In Montana from Early Historical Records. J. Wildl. Mgmt., 5(4): 357-370.
- Stout, T. 1921. Montana - Its Story and Biography. Vol. II.
- Worthen, C. B. 1928. The History of Central Montana to 1871. Seattle, University of Washington, 1928. Thesis (M.A.). Univ. of Washington. Typewritten.

PLANTS AND VEGETATION

- Anonymous. 1940. Native Trees of Montana and Northern Idaho. Region I. USDA, Forest Service.
- Addor, E. E. 1958. The Wind Pollinated Plants of Missoula County with Special Reference to the Flowering Season. Unpub. M. S. Thesis. Univ. of Montana, Missoula, 174 pp.
- Aller, A. R. 1960. The Composition of the Lake McDonald Forest, Glacier National Park. Ecol., 41: 29-33.

- Allred, B. W. 1941. Grasshoppers and Their Effect on Sagebrush on the Little Powder River in Wyoming and Montana. *Ecol.*, 22: 387-392.
- Anderson, N. L. 1962. Grasshopper-Vegetation Relationships on Montana Grasslands. Unpub. Ph.D. thesis. Montana State University, Bozeman. 73 pp.
- Bamberg, S. A. 1961. Plant Ecology of Alpine Tundra Areas in Montana and Adjacent Wyoming. Unpub. M.A. thesis. Univ. of Colorado, Boulder. 163 pp.
- Beetle, A. A. 1960. A Study of Sagebrush -- The Section *Tridentatae* of *Artemisia*. Univ. of Wyoming Bull. 368. 83 pp.
- Blankenship, J. W. 1901. Weeds of Montana. Mont. Agr. Expt. Sta. Bulletin 30. 70 pp., illus.
- Boe, K. 1948. Is Douglas Fir Replacing Ponderosa Pine in the Cut-over Stands in Western Montana? *Proc. Mont. Acad. Sci.* 8: 42-49.
- Booth, W. E. 1947. The Effect of Grass Competition on the Growth and Reproduction of Big Sagebrush, *Artemisia tridentata* Nutt. *Proc. Mont. Acad. Sci.* 7: 23-25.
- Booth, W. E. 1950. Flora of Montana. Part 1. Conifers and Monocots. Montana State Univ. Research Foundation. Bozeman. 232 pp, illus.
- Booth, W. E. and J. C. Wright. 1959. Flora of Montana. Part II. Dicotyledons. Montana State Univ., Bozeman. 305 pp. Illus. Rev. 1966.
- Britton, M. P. 1955. An Ecological Study of a Relict of Grassland and on Adjacent Grazed Pasture in Beaverhead Valley, Montana. Unpub. M.S. thesis. Montana State Univ., Bozeman. 23 pp.
- Browman, D. L. 1959. Responses of Focea Shrubs in Western Montana to Experimental Conditions Involved in Breaking Winter Dormancy. *Proc. Mont. Acad. Sci.* 19: 124-25.
- Brown, R. 1965. The Distribution of Plant Communities in the Badlands of Southeastern Montana. M.S. Thesis. Univ. of Montana, Missoula.
- Chapman, J. 1953. Ecological Notes on *Gryllobatta* in Montana. *Proc. Mont. Acad. Sci.*, 13: 39-43.
- Chesnut, V. K. and E. V. Wilcox. 1901. The Stock Poisoning Plants of Montana. USDA, Div. of Bot. Bull. 26: 1-150.
- Chessin, M. 1953. Frost Resistance in Cheat-grass (*Bromus tectorum* L.). *Proc. Mont. Acad. Sci.* 15: 5-7.
- Chessin, M. 1955. Dormancy in some Western Montana Shrubs. *Proc. Mont. Acad. Sci.* 15: 5-7.

- Choate, C. M. 1963. An ordination of the Alpine plant communities at Logan Pass, Glacier National Park, Montana. Unpub. M.S. Thesis. University of Montana, Missoula. 113 pp.
- Choate, T. S. and C. M. Choate. 1963. Life above timberline. *Naturalist* 14: 26-32.
- Clary, G. 1949. The Cruciferae of Montana. Unpubl. M.S. Thesis. Montana State College, Bozeman. 96 pp.
- Cotter, J. 1963. Causation and plant succession in disturbed areas of southwestern Montana. M.S. Thesis. University of Montana, Missoula.
- Coulter, J. M. 1873. Manual of the botany of the Rocky Mountain Region. Amer. Book Co., N. Y.
- Cox, G. S. 1960. Ponderosa pine productivity in relation to soil and land forming in Western Montana. University of Montana, Missoula.
- Craighead, J. J., F. C. Craighead and R. J. Davies. 1963. A field guide to Rocky Mountain wildflowers. Peterson Field Guid Series, Houghton-Mifflin Company. 277 pp.
- Daubenmire, R. F. 1946. The life zone problem in the northern intermountain region. *North W. Sci.* 20: 28-38.
- Davis, W. M. 1915. The Mission Range, Montana. *Proc. Natl. Acad. Sci.*, 1: 626-628.
- Drummond, John. 1956. Trees native to Montana. *Mont. Agr. Expt. Sta. and Ext. Serv.*, Montana State College, Bozeman, Montana. No. 257.
- Ellison, L. and E. J. Woolfolk. 1937. Effects of drought on vegetation near Miles City, Montana. *Ecology*, 18: 329-336.
- Fissor, H. G. 1961. A comparison of line intercept, inferred point contact, and weight measurement methods on foothill grassland vegetation. Unpub. M.S. Thesis. Montana State University, Bozeman. 141 pp.
- Fitzpatrick, T. J. 1904. The fern flora of Montana. *Fern. Bull.* 12: 97-101.
- Gray, A., and J. D. Hooker. 1880. The vegetation of the Rocky Mountain region and a comparison with that of other parts of the world. *U.S. Geol. and Geog. Surv. Bull.* 6: 1-77.
- Griggs, R. F. 1938. Timberlines in the Northern Rocky Mountains. *Ecol.*, 19: 548-564.
- Habeck, J. R. 1963. The composition of several climax communities in the Lake McDonald area of Glacier National Park. *Proc. Mont. Acad. Sci.* 23: 37-44.

- Habeck, J. R. 1963. Lichen distribution in the Lake McDonald Forest communities in Glacier National Park. Proc. Mont. Acad. Sci. 23: 24-44.
- Habeck, J. R. and C. M. Choate. 1963. An analysis of krummholz communities at Logan Pass, Glacier National Park. Northwest Sci., 37: 165-166.
- Habeck, J. R. and E. Hartley. 1965. The vegetation of Montana - a bibliography. Northwest Sci. 39(2): 60-72.
- Hanna, L. A. 1955. A chapter in the natural history exploration of southeastern Montana and environs. Proc. Mont. Acad. Sci., 15: 9-11.
- Hanna, L. A. 1958. Some common lichens of southeastern Montana. Proc. Mont. Acad. Sci., 18, : 11-13.
- Hanna, L. A. 1959. Spring flora studies of the lower Tongue River Valley, Montana, and its environs. Proc. Mont. Acad. Sci., 19: 118-123.
- Harris, W. P. and C. W. Harris. 1904. Lichens and mosses of Montana. University of Montana Bull. No. 19, Biol. Ser. No. 7: 308-330.
- Harvey, C. H. 1954. Additions to the flora of Glacier National Park, Montana. Proc. Mont. Acad. Sci. 14: 23-25.
- Hawkins, P. N. 1903. The Alpine flora of Montana. M. S. Thesis. Montana State University, Bozeman. 24 pp.
- Heady, H. F. 1950. Studies on bluebunch wheatgrass in Montana and height-weight relationships of certain range grasses. Ecol. Monog. 20: 55-81.
- Hitchcock, C. L. 1936. A key to the grasses of Montana based upon vegetative characters. Publ. by the author. 28 pp. illus.
- Holmes, T. R. B. and D. Tackles. 1962. Height growth of lodgepole pine in Montana related to soil and stand factors. Mont. For. and Cons. Expt. Sta. School of Forestry, University of Montana, Missoula, Bull. No. 21. 12 pp.
- Humes, H. R. 1957. The ecological effects of fire on natural grasslands in western Montana. Unpub. M.S. Thesis. University of Montana, Missoula. 85 pp.
- Hurst, J. W. 1948. Barberries in Montana. Proc. Mont. Acad. Sci., 8: 39-42.
- Jansson, J. R. 1949. A survey of old growth Douglas fir stands in the Big Belt Mountains of Montana. Unpub. M.S. Thesis. University of Montana, Missoula. 60 pp.

- Johnson, P. L. 1961. The Alpine vegetation of the Beartooth Plateau in relation to cryopedogenic processes and patterns. Unpub. Ph.D. Thesis, Duke University, Durham, N. Carolina.
- Jones, M. E. 1910. Life zones. Contrib. to West. Bot., 13: 52-58.
- Jones, M. E. 1910. Montana Botany Notes. Montana University Bull. 61, 75 pp. illus.
- Jones, W. W. 1901. Preliminary flora of Gallatin County, Montana. Unpub. M. S. Thesis, Montana State College, Bozeman. 55 pp.
- Joy, C. R. 1954. A comparison of grass growth on different horizons of three grassland soils. J. Range Mgmt., 7(5): 212-214.
- King, C. R. 1953. The Ranunculaceae of Montana. Unpub. M.S. Thesis, Montana State College, Bozeman. 82 pp.
- Kirkwood, J. E. 1922. Forest distribution in the northern Rocky Mountains. University of Montana Bull. No. 247. 180 pp.
- Kirkwood, J. E. 1926. Botany of the Montana Rockies. Torreya 26: 105-109.
- Kirkwood, J. E. 1927. Botanical explorations in the Rocky Mountains. Sci. Monthly. 24: 236-250.
- Kirkwood, J. E. 1927. The Pacific element in the Rocky Mountain flora. Northwest Sci., 1: 14.
- Kirkwood, J. E. 1928. Botanical exploration in the Rocky Mountains -- Lolo Trail. Sci. Monthly, 26: 315-328.
- Kirkwood, J. E. 1930. Northern Rocky Mountain trees and shrubs. Stanford University Press. 340 pp.
- Larson, J. A. and C. C. Delavan. 1929. Fires and forest succession in the Bitterroot Mountains of Northern Idaho. Ecol., 10: 67-79.
- Larson, J. A. and C. C. Delavan. 1930. Forest types of the northern Rocky Mountains and their climatic controls. Ecology, 11: 631-673.
- Leiberg, J. B. 1884. Notes on the flora of western Dakota and eastern Montana adjacent to the Northern Pacific Railroad. Bol. Gaz., 9: 103-107 and 126-129.
- Leiberg, J. B. 1904. Forest conditions in the Little Belt Mountains Forest Reserve, Montana and the Belt Mountains quadrangle. Prof. paper., U. S. Geol. Sur. 30: 1-75.
- Leiberg, J. B. 1899. The Bitterroot Forest Reserve. U. S. Geol. Surv., 20th Ann. Rept., Part 5: 317-410.

- Leiberg, J. B. 1904. Forest conditions in the Absaroka division of the Yellowstone Forest Reserve, Montana and the Livingston and Big Timber quadrangles. U. S. Geol. Surv., Prof. Paper, 29: 1-148.
- Litzenberger, S. C., A. H. Post and M. E. Morris. 1945. Important perennial weeds in Montana: Their identification and control. Montana State College Agr. Exp. Sta. Bull. No. 426. 45 pp.
- Longyear, B. O. 1927. Trees and shrubs of the Rocky Mountain Region. G. P. Putnam's Sons, New York. 244 pp.
- Lynch, D. 1955. Ecology of the Aspen Groveland in Glacier County, Montana. Ecol. Monog. 25(321-344).
- Mackie, R. J. 1964. A list of plants of the Missouri River Breaks, Montana - Incomplete listing. Montana Fish and Game Department. Unpubl. Report. 30 pp. (multilith).
- Maguire, B. 1934. Distribution notes concerning certain plants of Glacier National Park. Rhodora, 36: 305-308.
- Maguire, B. 1939. Distributional notes concerning plants of Glacier National Park, Montana. II. Rhodora, 41: 504-508.
- Marks, R. T. 1963. Trees and shrubs for Montana. Mont. Agr. Expt. Sta. Bull. 323. 65 pp.
- Mattox, J. E. 1955. A study of percent of plants grazed method of utilization determination and its application. Montana Agr. Expt. Sta. Mimeo. cir. No. 88: 38-40.
- McDougall, W. B. and H. A. Baggley. 1956. Plants of Yellowstone National Park. Yellowstone Interpretive Series No. 8. Yellowstone Library and Museum Assoc.
- McLaughlin, W. T. 1935. Notes on the flora of Glacier National Park, Montana. Rhodora 37: 362-365.
- McMullin, R. R. 1953. A study of variation in a Dodicateon (Primulaceae) colony in western Montana. Unpub. M. S. Thesis, University of Montana, Missoula. 48 pp.
- McWilliams, J. L. and P. E. VanCleave. 1960. A comparison of crested wheatgrass and native grass mixtures seeded on rangelands in eastern Montana. J. Range Mgmt. 13: 91-94.
- Metcalf, H. N. 1955. Distribution of Ceanothus (Rhamnaceae) in Montana. Proc. Mont. Acad. Sci. 15: 13-19.
- Mitchell, W. W. 1958. An ecological study of the grassland in the region of Missoula, Montana. Unpub. M.S. Thesis. University of Montana, Missoula.

- Mollett, C. E. F. 1918. Medicinal plants of Montana and the Yellowstone Park; an economic study. University of Montana publ., Missoula.
- Morris, H. E. and H. Welch. 1927. Plants poisonous to livestock in Montana. Mont. Agr. Expt. Sta. Circ. No. 134.
- Morris, H. E., W. E. Booth, G. F. Payne, and R. E. Stitt. 1950. Important grasses on Montana Ranges. Montana State College Agr. Expt. Sta., Bozeman. Bull. 470. 52 pp. (Rev. 1954, Mont. Agr. Expt. Sta. Bull. No. 500).
- Morris, M. S. 1941. The status of blue grama grass, Bouteloua gracilis, in western Montana. Proc. Mont. Acad. Sci. 2: 38.
- Morris, M. S. 1946. An ecological basis for the classification of Montana grasslands (A summary). Proc. Mont. Acad. Sci. 5 and 6: 41-44.
- Morris, M. S. 1947. The grazing use of forest lands in the northern Rocky Mountain region. Proc. Soc. Am. Forester's Mgmt. 303-311.
- Morris, M. S., J. E. Schmutz, and D. F. Stickney. 1962. Winter field key to the native shrubs of Montana. U. S. For. Serv., Inter. For. and Range Expt. Sta. and Mont. For. and Cons. Expt. Sta. Bull. No. 23. 70 pp.
- Murray, R. 1961. Range condition in a fescue grassland in western Montana. M. S. Thesis. University of Montana, Missoula.
- Newberry, J. S. 1884. Notes on the geology and botany of the country bordering the Northern Pacific Railroad. Ann. N. Y. Acad. Sci., 3: 242-270.
- Norem, W. L. 1940. Contrasting density changes of Poa secunda and Bouteloua gracilis in eastern Montana through seven years including the extreme droughts of 1934 and 1936. Northwest Sci. 14: 92.
- Norton, G. P. 1919. Shore vegetation of Flathead Lake, Montana. The Plant World, 22: 355-362.
- Pase, C. P. 1958. An ecological study of sagebrush, Artemisia tridentata Nutt, in Western Montana. Unpub. M.S. Thesis, University of Montana, Missoula. 965 pp.
- Patton, A. R. and L. Gieseke. 1942. Seasonal changes in the lignin and cellulose content of some Montana grasses. Jour. Animal Sci. 1: 22-26.
- Patton, A. R. 1943. Seasonal changes in the lignin and cellulose content of some Montana grasses. Jour. Animal Sci. 2: 59-62.
- Patten, D. T. 1963. The vegetational pattern in relation to environments in the Madison range, Montana. Unpub. Ph.D. Thesis. Duke University Diss. Abst. 23: 19.

- Payne, G. F. 1957. Some germination studies of Artemisia tridentata.
Proc. Mont. Acad. Sci. 17: 41-42.
- Payne, G. F. 1959. Responses of two range grasses to foliate removal.
Proc. Mont. Acad. Sci. 19: 126-129.
- Peterson, M. E. 1939. A key to the spring flora of Missoula County,
Montana. Unpub. M. S. Thesis. University of Montana, Missoula.
41 pp.
- Peterson, R. A. 1953. Clif Lake Natural Area (Madison County, Montana)
Proc. Mont. Acad. Sci., 13: 29-33.
- Phillips, W. S. 1963. Vegetational changes in northern Great Plains
photographic record. Arizona Agr. Expt. Sta. Rept. No. 214. 185 pp.
- Polk, R. B. and K. N. Boe. 1950. Succession of trees on cut-over larch -
Douglas fir stock in western Montana. Proc. Mont. Acad. Sci., 10:
31-38.
- Reitz, L. P. 1937. Crop regions in Montana as related to environmental
factors. Mont. Agr. Expt. Sta. Bull. No. 340.
- Reitz, L. P., and H. E. Morris. 1939. Important grasses and other
common plants on Montana ranges. Mont. Agr. Expt. Sta. Bull. No.
375. 35 pp.
- Robinson, D. H. Trees and forests of Glacier National Park. U. S. Natl.
Park Service Spl. Bull. No. 4.
- Roe, A. L. 1956. The effect of competition in old growth western larch-
Douglas fir stands. Proc. Mont. Acad. Sci., 16: 41-46.
- Ross, R. L. 1962. Check list and identifying characteristics of some
range plants in Montana. USDA, Soil Cons. Serv., Cons. Tech.
Note No. 3.
- Rydberg, P. A. 1897. Grasses and forage plants of the Rocky Mountains.
Catalogue of the plants of Montana and the Yellowstone National
Park.
- Rydberg, P. A. and C. L. Shear. 1897. A report upon the grasses and
forage plants of the Rocky Mountain region. Bull. USDA, Div. of
Botany 5: 1-48.
- Rydberg, P. A. 1899. Cespitose willows of Arctic America and the Rocky
Mountains. Bull. N. Y. Bot. Garden, 1: 257-278.
- Rydberg, P. A. 1900. Catalogue of the flora of Montana and the Yellowstone
National Park. N. Y. Bot. Gard. Mem. 1, 492 pp. Lancaster, Pa.
- Rydberg, P. A. 1900. Phytogeography of Montana. Bull. Torrey Bot.
Club, 27: 292-294.

- Rydberg, P. A. 1901-1904.. Studies on the Rocky Mountain flora. Bull. Torrey Bot. Club:
 (1900) 27: 169-189; 528-538; 614-636.
 (1901) 28: 20-38; 266-384; 499-513.
 (1902) 29: 145-160; 232-246; 689-693.
 (1903) 30: 247-264.
 (1904) 31: 299-410; 631-655.
- Rydberg, P. A. 1914-1917. Phytogeographical notes on the Rocky Mountain region. II, III, IV, V, VI, VII. Bull. Torrey Bot. Club:
 (1914) II. Origin of Alpine flora. 41: 89-103.
 (1914) III. Formations in the Alpine zone. 41: 459-474.
 (1915) IV. Forests of the subalpine and montane zones. 42: 11-15.
 (1915) V. Grasslands of the subalpine and montane zones. 42: 629-642.
 (1916) VI. Distribution of subalpine plants. 43: 343-364.
 (1917) VII. Formations in the subalpine zone. 44: 431-454.
- Rydberg, P. A. 1916. Vegetative life zones of the Rocky Mountains. Mem. N. Y. Bot. Gard. 6: 447-499.
- Rydberg, P. A. 1922. Flora of the Rocky Mountains and adjacent plains, Colorado, Utah, Wyoming, Idaho, Montana, Saskatchewan, Alberta, and Neighboring parts of Nebraska, South Dakota, North Dakota and British Columbia. Ed. 3, 1144 pp. New York.
- Sawyer, P. T. 1965. A list of plants of the Winnett area, Petroleum County, Montana. Montana Fish and Game Department, Helena. Unpub. Report. 27 pp. Multilith.
- Scribner, F. L. 1887. Agricultural grasses of central Montana. Proc. of the Society for the Promotion of Agricultural Sciences, 4th and 5th meeting. pp. 47-56.
- Shearer, A. B. 1959. Western larch seed dispersal over clear-cut blocks in northwestern Montana. Proc. Mont. Acad. Sci., 19: 130-134.
- Shearer, R. C. 1960. First year mortality of coniferous seedlings in the western larch-Douglas fir type. Proc. Mont. Acad. Sci. 20: 18-19.
- Standley, P. C. 1920. Ferns of Glacier National Park, Montana. Amer. Fern Jour., 10: 97-110.
- Standley, P. C. 1920. Sphagnum in Glacier National Park. Bryologist, 23: 5-6.
- Standley, P. C. 1921. Flora of Glacier National Park. Contrib. U. S. National Herb., 22: 235-438.
- Stickney, P. F. 1960. Range of rough fescue (Festuca scarbrella Torr.) in Montana. Proc. Mont. Acad. Sci. 20: 12-17.
- Swan, K. D. 1941. Flora and fauna of the Bob Marshall Wilderness Area. U. S. Forest Service, USDA. 38 pp.

- Swingel, D. B. and H. Welch. 1916. Poisonous plants and stock poisoning on the ranges of Montana. Montana State College Agr. Expt. Sta. Cir. No. 51.
- Swingel, D. B., H. E. Morris, and E. W. Jahnke. 1920. Fifty important weeds of Montana. Montana Agr. College Ext. Bull. 45, 126 pp., illus.
- Taber, R. D., R. S. Hoffman, S. A. Bamberg, and T. J. Nimlos. 1961. Alpine ecosystems of the Northern Rockies. Bull. Ecol. Soc. Amer. 42(4): 140 (abstr.).
- Tweedy, F. 1886. Flora of the Yellowstone National Park. Published privately by the author. Washington, D. C. 78 pp.
- Welch, H. and H. E. Morris. 1952. Range plants poisonous to livestock in Montana. Mont. Agr. Expt. Sta. Cir. No. 197.
- Wellner, C. A. 1940. Native trees of Montana and northern Idaho. U.S. Forest Service, USDA. 43 pp. mimeo.
- White, W. W. 1951. Native cottonwoods of Montana. Proc. Mont. Acad. Sci. 9: 33-40.
- White, W. W. 1956. Native willows I have found in Montana. Proc. Mont. Acad. Sci. 16: 21-36.
- Whitford, H. N. 1902. The forest and the prairie. Univ. of Montana. Bull. No. 16. Biol. Ser. No. 5. pp. 249-254.
- Whitford, H. N. 1902. The plant associations. University of Montana. Bull. No. 16, Biol. Ser. No. 5. pp. 271-274.
- Whitford, H. N. 1902. The forest trees. University of Montana, Bull. No. 16, Biol. Ser. No. 5: 215-229.
- Whitford, H. N. 1905. The forests of Flathead Valley, Montana. Bot. Gaz., 39: 99-122; 194-218; 276-296.
- Wilcox, E. V. 1899. List of plants known of suspected poisonous properties which occur within the state. Montana State College Agr. Expt. Sta. Bull. 22: 15-56.
- Williams, R. S. 1892. The flora of a Montana pond. Bull. Torrey Bot. Club, 19: 192-194.
- Williams, R. S. 1902. Preliminary list of Montana mosses. Bull. N. Y. Bot. Gard. 2: 351-380.
- Wright, J. C. and E. A. Wright. 1948. Grassland types of south-central Montana. Ecol. 29(4): 449-460.

SEE ALSO:

HISTORY: Allen, 1874; Barlow, 1872; Blankenship, 1905; Coues, 1893; Douglas, 1836; Geyer, 1846 and Harvard, 1878.

MAMMALS: Storm, 1963.

ANTELOPE: Cole, 1956, '58.

BIGHORN SHEEP: Schallenberg, 1966.

DEER: Adams, 1948, 49; Lovaas, 1958; South, 1957; and Wilkins, 1957.

ELK: Kirsch, 1957; Picton, 1960; and Rouse, 1957.

MOUNTAIN GOATS: Peek, 1962; and Saunders, 1955.

MERRIAM'S TURKEY: Jonas, 1964.

PHEASANTS: Woodgerd, 1952.

DUCKS: Knight, 1965.

RANGE AND FOREST MANAGEMENT: Branson, 1955; Branson and Payne, 1957; Carter, 1951; Collins and Hartt, 1943; Evanko and Peterson, 1955; Fletcher, 1919; Houston and Woodward, 1966; Payne, 1955; Pechanec, 1963; Reed and Peterson, 1961; Sarvis, 1923; Spragg, 1902; and Steel, 1960.

DOMESTIC LIVESTOCK: Parker, 1965

GAME-LIVESTOCK RELATIONS: Mackie, 1965; and Stevens, 1966.

EFFECTS OF CHEMICALS: Martin, 1965.

WILDLIFE (GENERAL)

Hoffman, R. S. and R. D. Taber. 1959. Preliminary notes on the vertebrate fauna of the Montana Alpine. Proc. Mont. Acad. Sci. 19: 91.

Hoffman, R. S. and R. D. Taber, 1959. Composition and affinities of Alpine bird and mammal faunas of Montana. Bull. Ecol. Soc. Amer. 40(4): 115 (abstr.)

Rush, W. M. 1947. Wild animals of the Rockies. Holcyon House, Garden City, N. Y. 296 pp.

Wright, George M., J. S. Dixon, and B. H. Thompson. 1933. Fauna of the national parks of the United States. USDI. 157 pp. (pp. 65-69).

SEE ALSO

HISTORY: Allen, 1874; Barlow and Heap, 1872 and Coues, 1893.

RANGE AND FOREST MANAGEMENT: Craighead, 1963.

MAMMALS (GENERAL)

Anonymous. 1963. Montana mammals. Mont. Wild. Autumn.

Adams, L. 1950. Consumption of ponderosa pine seed by small mammals. U. S. For. Serv. Res. Note 80, 4 pp. No. Rky. Mtn. Expt. Sta.

Bailey, V. 1918. Wild animals of Glacier National Park - with notes on physiography and life zones. U. S. Dept. Int. Nat. Park Serv. 210 pp.

Cates, E. C. 1937. Control of rodent pests in Montana. Mont. Agr. Expt. Sta. Ext. Serv. Bull. No. 151. 32 pp.

Clark, F. H and W. L. Jellison. 1937. A pale mutation in the ground squirrel. J. of Heredity 28: 259-60.

Craig, V. 1964. Prairie dog. Montana Wildl. Spring.

Davis, W. B. 1937. Some mammals from western Montana and eastern Idaho. The Murrelet. Vol. XVIII (9).

Dice, L. R. 1963. Mammal associations and habits of the Flathead Lake region, Montana. Ecology. 4: 247-260.

Henshaw and Birdseye. 1911. An annotated list of the mammals of Bitterroot Valley, Montana. U.S. Dept. Agric., Bur. Biol. Surv. Circ. No. 82, August 3, 1911.

Hoffman, R. S. and R. D. Taber. 1960. Notes on Sorex in the Northern Rocky Mountain Alpine zone. J. Mamm., 41: 230-234.

Hoffman, R. S. and D. L. Pattie. 1962. A key to the mammals of Montana. University of Montana, Missoula. 28 pp. (mimeo).

Jellison, W. L. 1945. A suggested monolog of the os penis or baculum of mammals. J. Mamm., 26: 146-147.

Johnson, L. J. 1963. Population dynamics of deer mice and chipmunks in four forest types in western Montana. Unpub. M. S. Thesis. Univ. of Montana, Missoula.

Koplin, J. R. 1963. Competition and niche segregation in the genus Microtus. Unpub. M.S. Thesis, University of Montana, Missoula.

Manville, R. H. 1959. The Columbian ground squirrel in northwestern Montana. J. Mamm., 40(1): 26-45.

Murie, J. O. 1963. Investigations of habitat Segregation in Microtus in western Montana. Unpub. M.A. Thesis, University of Montana, Missoula.

- Newby, F. E. 1952. Distribution and status of the wolverine. Montana Fish and Game Department, P. R. Qrtly. Rept., October-December: 76-80.
- Newby, F. E. and P. L. Wright. 1955. Distribution and status of the wolverine in Montana. J. of Mamm., 36(2): 248-253.
- Newby, F. E. and J. J. Macdougall. 1964. Range extension of the wolverine in Montana. J. Mamm., 45(3): 485-487.
- Squillace, A. E. 1953. Effect of squirrels on the supply of ponderosa pine seed. U.S. For. Serv., No. Rky. Mtn. Expt. Sta., Res. Note 131, 4 pp. (multilith).
- Steph1, O. E. 1927. The prairie dog in Montana. Mont. Agr. Expt. Stat., Ext. Serv. Bull. No. 83. 13 pp.
- Storm, G. L. 1963. Porcupine damage in ponderosa pine stands of western Montana. Unpub. M. S. Thesis, University of Montana, Missoula.
- Taber, R. D. 1956. Marking mammals: standard methods and new developments. Ecol. 37: 682-685.
- Taber, R. D. and R. S. Hoffman. 1963. Behavioral adaptations of mammals to mountain environments. XVI Int. Congr. of Zool., Washington, D. C.
- Tackle, D. 1957. Protection of ponderosa pine cones from cutting by the red squirrel. J. For., 55 (6): 446-447.
- Tyron, C. A. 1947. Biology of the pocket gopher in Montana. Mont. Agr. Expt. Sta., Bull. 448.

SEE ALSO

PARASITES AND DISEASES: Bell, et. al., 1955, '59; Dunn and Parker, 1924; Henshaw and Birdseye, 1911; Jellison, 1933, '39, '42; Jellison and Parker, 1945; Jellison, et. al., 1949; Jellison, 1950; and Jellison, et.al., 1958.

RANGE AND FOREST MANAGEMENT: Branson and Payne, 1957.

WILDLIFE MANAGEMENT (GENERAL)

- Anonymous. 1942. Wildlife habitat and water facilities development. 1941-42 Biennial Report. Montana Fish and Game Commission.
- Anonymous. 1949. General wildlife restocking final report. Montana Fish and Game Commission. P-R. Report. Project 5-D-7.

- Adams, L. 1951. Confidence limits for the Peterson or Lincoln Index used in animal population studies. J. Wildl. Mgmt., 15: (1) 13-19.
- Blair, R. M. and O. A. Wilson, 1954. Lincoln Index census techniques. Montana P.R. Quarterly Report. January-March, 1954. 1-7.
- Cole, G. 1959. Game management based on facts - Montana Wildlife. June: 22-30 and Info. Bull. No. 9.
- Cooney, R. F. 1952. Ten years of wildlife restoration. Montana Wildlife.
- Geis, A. and R. D. Taber. 1960. Revised, second edition, 1963. Measuring hunting and other mortality. Sec. 11 in Manual of Game Investigational Techniques, Henry S. Mosby, ed., The Wildlife Society, pp. 11. 1-11.9.
- Leik, T. 1966. What can data processing do in Fish and Game Management. 46th Conf. West. Assoc. of State Game and Fish Comm.
- MacDonald, K. F. Great strides taken in game management in Montana. 1934-35 Biennial Report. pp. 5-23.
- Moos, L. M. 1957. Biology handbook. USDA. Soil Cons. Serv.
- Moos, L. M. 1966. Wildlife development in connection with farm ponds. 46th Conf. West. Assoc. of State Game and Fish comm.
- Sherman, G. H. 1957. The use of aircraft in fish and game management. Mont. Wildl. June.
- Taber, R. D. 1960. Revised, second edition, 1963. Criteria of sex and age. Sec. 6 in manual of game investigational techniques. Henry S. Mosby, ed., The Wildlife Society, pp. 6.1-6.60.
- Taber, R. D. and I.M. Cowan. 1960. Revised, second edition, 1963. Capturing and marking wild animals. Sec. 10 in manual of game investigational techniques. Henry S. Mosby, ed., the Wildlife Society. pp. 101-10.30.

SEE ALSO

GENERAL: Anonymous, 1964; Carroll, 1966; and Pengelly, 1961.

HISTORY: Anonymous, 1942.

MAMMALS: Taber, 1956.

RANGE AND FOREST MANAGEMENT: Humphrey, 1966; Lind, 1966; and U. S. For. Serv., 1958, '59.

BIG GAME (GENERAL)

- Anonymous. 1942. Grizzly bear, mountain goat, and moose survey. Flathead and Kootenai Management Units. Montana Fish and Game Department. Special Report. 27 pp.
- Anonymous. 1944-46. General wildlife picture. 1945-46 Biennial Report. Montana Fish and Game Commission.
- Anonymous. 1945. Cumulative record of big game data - Estimated population and range capacities. Montana Fish and Game Department. Unpubl. Rept.
- Anonymous. 1947. A seven year analysis of big game hunting in Montana. Montana P-R Quarterly Report. July-September, 1947.
- Anonymous. 1949. Emergency winter feeding project final report. Montana Fish and Game Commission P-R Rept. Proj. 32-D.
- Anonymous. 1953. Management pays off. Mont. Wildl. Fall.
- Anonymous. 1953. Big game winter inventory. Mont. Wildl. Winter.
- Anonymous. 1965. Deer-elk regulations -- A part of management. Montana Fish and Game Commission Report. Mont. Wildl. Federation News, 5(1): 3. January.
- Anderson, I. V. and R. M. West. 1941. The distribution of salt for big game animals. U. S. Forest Service. Field notes on Wildlife 2(7), 4 pp. (multilith).
- Brown, D. L., and L. G. Casagrande. 1956. Results of attempted manipulations of big game hunting pressures in Montana. Proc. West. Assoc. State Game and Fish Comm. 36: 142-144.
- Cheatum, E. L. 1952. On the population dynamics of big game. Proc. Mont. Acad. Sci. 11: 47-56.
- Cole, G. F. 1961. Big game population dynamics and season setting. Mont. Wildl., Fall and Info. Bull. No. 14. Montana Fish and Game Department.
- Cooney, R. F. 1941. Wild land requirements of game animals in Montana. Proc. Mont. Acad. Sci., 2: 39-48.
- Cooney, R. F. 1950. Experiences in the acquisition of a big game range as a management tool. Proc. West. Assoc. State Game and Fish Comm. 30: 141-144.
- Cooney, R. F. 1951. Salting Montana's big game. Sporting Montana. Spring : 20.
- Cooney, R. F. 1951. Salt as a management tool. Proc. West. Assoc. State Game and Fish Comm. 31: 99-105.

- Cooney, R. F. 1955. Land acquisition in game management. Mont. Wildl. Winter.
- Couey, F. M. 1949. Review and evaluation of big game trapping techniques. Proc. West. Assoc. State Game and Fish Comm. 29: 110-116.
- Couey, F. M., D. Brown, L. E. Brown, and K. E. Riersgard. 1950. Big game transplanting evaluation. Montana State Fish and Game Department. Report. 24 pp.
- Couey, F. M. and D. Brown. 1950. Big game transplanting evaluation report - Eastern Montana. Montana Fish and Game P-R Quarterly Rept. July - September. 94 pp.
- Couey, Faye M. 1951. Big game census techniques in Montana. Proc. Ann. Conf. West. Assoc. State Game and Fish Comm. 31: 153-157.
- Craighead, J. J. and D. S. Stockstad. 1960. Color marker for big game. J. Wildl. Mgmt. 24:(4) 435-438.
- Craighead, J. J. and F. C. Craighead, Jr. 1965. Radio tracking and telemetering system for large western mammals. Offsite Ecological Research, Div. of Biology and Medicine, Terrestrial and Fresh Water, U. S. Atomic Energy Commission. pp. 57.
- De Nio, R. M. 1938. Stomach analyses of deer and elk in northern Idaho and Montana. University of Idaho Bull. 33: 22-36.
- De Nio, R. M. 1938. Stomach analyses of deer and elk in northern Idaho and Montana. University of Idaho. Bull. 8: 34-36.
- De Nio, R. M. 1938. Elk and deer foods and feeding habits. Trans. N. Am. Wildl. Conf. 3: 421-427.
- Everin, W. 1959. A letter to Montana sportsmen. Mont. Wildl. February.
- Howard, L. J. 1934. Report on 1933-34 winter game study. Lewis and Clark Natl. For. Unpubl. Rept. 50 pp. illus.
- Jonkel, C. 1959-1964. Deer, elk and moose population trends, food habits and range relationships in northwest Montana. P-R Job Compl. Repts. Proj. W-98-R-1, 2, 3, 4, Job B-2.
- Lambeth, R. H. 1952. Why do we need special seasons on big game? Mont. Wildl.
- Lovaas, A. L. 1962-63. Gallatin big game studies. Montana Fish and Game Department. P-R Job Compl. Repts. (3). Proj. W-98-R-2,3 & 4, Job B-10. 37 pp., 37 pp., and 13 pp., resp. (multilith).
- Lyon, L. Jack. 1966. Problems of habitat management for deer and elk in the northern forests. U. S. D. A., Forest Serv., Intermountain Forest and Range Exp. Sta., Ogden, Utah. 15 pp., illus (U.S. Forest Serv. Res. Paper INT-24).

- Lyon, L. J. 1966. Two forest fires and some specific implications in big game habitat management. 46th Ann. Conf. West. Assoc. of State Game and Fish Comm.
- Mazzoni, J. P. 1966. Range and big game management at National Bison Range. 46th Ann. Conf. West. Assoc. of State Game and Fish Comm.
- McDowell, L. E. and D. S. Stockstad. 1952. New techniques in handling big game problems in Montana. Proc. 32nd Ann. Conf. West. Assoc. State Game and Fish Comm.
- McLucas, J. 1956. Montana big game trapping and transplanting techniques and accomplishment, 1941-1956. Montana Fish and Game Department, Rept., 65 pp. (multilith).
- McLucas, J. 1956. Montana's big game transplanting program. Mont. Wildl. Spring.
- Morris, M. S. and J. E. Schwartz. 1957. Mule deer and elk food habits on the National Bison Range. J. Wildl. Mgmt., 21(2): 189-193.
- Nellis, C. and R. D. Taber. 1963. Age structure of ungulate kill in relation to harvest in ten cities. Proc. Mont. Acad. Sci.
- Newby, F. 1960. How big game seasons are set. Mont. Wildl. January, 8-14.
- Newby, F. 1963. 1962 big game harvest. Mont. Wildl. August: 12-19.
- Peek, J. M. 1965. Gallatin big game studies. Montana Fish and Game Department, P-R Job Compl. Rept., Proj. W-98-R-5, Job B-10, Segment 1. 35 pp. (multilith).
- Rognrud, M. J. 1949. A study of big game in the continental and adjacent units. Montana Fish and Game Department P-R Report, Project 1-R. 188 pp. (multilith).
- Rognrud, M. J. 1955. Game range maintenance through salt distribution. Montana Fish and Game Department, P-R Quarterly Report. January-April: 133-145.
- Rognrud, M. J. 1955. Evaluation of artificial salting and aerial salt distribution. Montana Fish and Game Department, P-R. Quarterly Report., April-June: 325-353.
- Rush, W. M. 1931. Palatability and utilization of forage plants by wild animals. Unpubl. Report. U.S. Forest Service, Missoula, Montana
- Shaw, C. and R. Casebear. 1942. Winter game study - South Fork and Middle Fork of Flathead. Montana Fish and Game Department Special Report. 47 pp.

- Stockstad, D. S. 1953. Chemical characteristics of natural licks used by big game animals in western Montana. Trans. N. Am. Wildl. Conf. 18: 247-258.
- Taber, R. D. 1958. Development of the cervid antler as an index of late winter physical condition. Proc. Mont. Acad. Sci. 18: 27-28.
- Taber, R. D. 1963. Land use and cervid populations in America north of Mexico. Proc. Ann. Mtng. International Union of Game Biologists, Boury mouth.
- Taber, R. D. 1966. Land use and native cervid populations in America north of Mexico. Mont. For. & Cons. Exp. Sta., University of Montana. Bull. No. 29.
- Various authors. 1955-66. Big game surveys and investigations. P-R Job Compl. Repts. Proj. W-71-R-1 through 11. Job A-1, A-2. Montana Fish and Game Department (multilith)
- Various authors. 1955-66. Districtwide big game surveys and investigations. P-R Job Compl. Repts. Proj. W-72-R-1 through 11, Job A-1. Montana Fish and Game Department (multilith).
- Various authors. 1955-66. District big game surveys and investigations Unit - Re-checks, P-R Job Compl. Repts. Proj. W-72-R-1 through 11. Montana Fish and Game Department. (multilith) Job A-2.
- Various authors. 1955-66. Big game surveys and investigations, Job Compl. Repts., Proj. W-73-R-1 through 11. Job A-1, Montana Fish and Game Department. (multilith).
- Various authors. 1955-66. Big game surveys and investigations District. Job Compl. Repts. W-74-R-1 through 11. Job A-1, Montana Fish and Game Department.
- Various authors. 1955-1966. District big game surveys and investigations. Job Compl. Repts. Proj. W-75-R-1 through 11, Job No. A-1. Montana Fish and Game Department (multilith).
- Various authors. 1955-66. District big game surveys and investigations P-R Job Compl. Reports, Proj. W-76-R-1 through 11, Job A-1, Montana Fish and Game Department, (multilith).
- Various authors. 1955-66. District big game surveys and investigations. P-R Job Compl. Repts. Proj. W-77-R-1 through 11, Job A-1. Montana Fish and Game Department (multilith).
- Werform, D. H. 1918. Big game season. Montana Fish and Game Comm., 1917-18 Biennial Report : 51-53.
- White, K. 1958. The determination of cervid antler weight from linear measurements. Proc. Mont. Acad. Sci. 18: 29-33.

SEE ALSO

HISTORY: Koch, 1941

RANGE AND FOREST MANAGEMENT: Carter, 1951; Casebeer and Rognrud, 1950; Cole, 1956, 57, 58, 59, 60; Grim, 1939; Hodder, 1954; Jameson, 1952; Schmutz and Zajane, 1949; Smith, 1928; Stickney, 1966; U. S. Forest Service, 1960; and Wilkins, 1958.

GAME - LIVESTOCK RELATIONS: Cole, 1958; Dolan, 1965; Mackie, 1961-65; Peek, 1963; and Rush, 1932.

EFFECTS OF CHEMICALS: Quimby, 1966.

ANTELOPE

Anonymous. 1946. Trapping and transplanting antelope. Montana Fish and Game Comm. 1945-46 Biennial Report.

Anonymous. 1963. Antelope change mating habits. Montana Wildl. April.

Beer, J. 1944. Distribution and status of pronghorn antelope in Montana. J. Mamm., 25(1): 43-46.

Bergerson, W. R. and W. K. Thompson. 1946. Aerial census of Montana's antelope. Montana Fish and Game Department. Typewritten report. 24 pp.

Brown, D. L. 1955. Census and management of central Montana antelope. Proc. Ann. Conf. West. Assoc. State Game and Fish Comm. 34: 211-215.

Buck, P. 1947. The biology of the antelope in Montana. Unpubl. M. S. Thesis, Montana State College, Bozeman. 70 pp.

Buechner, H. K. 1961. Regulation of numbers of pronghorn antelope in relation to land use. Extrait de La Terre et. al. Vie No. 2. 266-285.

Cole, G. F. 1953. Relationships of antelope to feed and seed alfalfa. Montana Fish and Game Department, P-R. Quarterly Report. April-June: 10-13.

Cole, G. F. 1955. Range use and food habits of the pronghorn antelope in central Montana with special reference to alfalfa. Unpubl. M.S. Thesis, Montana State College, Bozeman. 75 pp.

Cole, G. F. 1956. The pronghorn antelope: Its range use and food habits in central Montana with special reference to alfalfa. Mont. Agr. Exp. Sta. Bull. No. 516. 62 pp.

Cole, G. F. 1957. A preliminary report on antelope-range relationships in central Montana. 10th Ann. Meeting Amer. Soc. Range Mgmt. Great Falls, Montana.

- Cole, G. F. and B. Wilkins. 1958. The pronghorn antelope -- its range use and food habits, in central Montana with special reference to wheat. Montana Fish and Game Department Tech. Bull. No. 2. 39 pp.
- Cole, G. F. 1959. The relationships of antelope to rangeland. Montana Fish and Game Department P-R Job Compl. Rept. Proj. W-37-R-10, Job B-4. (multilith).
- Couey, F. 1946. Antelope food studies report, Carter County. Montana Fish and Game Department, Special Report. 8 pp.
- Couey, F. M. 1946. Antelope foods in southeastern Montana. J. Wildl. Mgmt. 10(4): 367.
- Dow, S. A. 1952. An evaluation of some criteria for age determination of the pronghorn. Unpubl. M. S. Thesis. University of Montana, Missoula, 70 pp.
- Dow, S. A. 1952. Antelope aging studies in Montana. Proc. West. Assoc. State Game and Fish Comm. 32: 220-224.
- Dow, S. A., and P. L. Wright. 1962. Changes in mandibular dentition associated with age in pronghorn antelope. J. Wildl. Mgmt. 26(1): 1-18.
- Martinka, C. J. 1966. A differential hunter harvest of antelope(Montana). 46th Ann. Conf. West. Assoc. of State Game and Fish Comm.
- Nelson, E. W. 1925. Status of the pronghorned antelope, 1922-1924. USDA Dept. Bull. No. 1346, Govt. Printing Office, Washington, D. C. 64 pp.
- Riersgard, K. A survey of 1949 winter loss of antelope, Carter unit. Montana Fish and Game Department. P-R Quarterly Report. April-June: 13-23.
- Salinas, G. 1948. Carter County antelope study. Montana Fish and Game Department. P-R. Quarterly Report. April-June: 256-307.
- Thompson, K. 1943. The pronghorn antelope in Montana. Life history notes. Montana Fish and Game Department. Unpubl. Report. (typewritten)
- Thompson, W. K. 1949. Predation on antelope. J. Wildl. Mgmt., 13: (3) 313-314.
- Tyron, C. A., Jr., and P.D. Buck. 1950. Montana records of antelope embryos and reproductive tracts. J. Mamm. 31(2): 192-193.
- Wright, P. L., and S. A. Dow, Jr. 1962. Minimum breeding age in pronghorn antelope. J. Wildl. Mgmt. 26(1): 100-101.
- Wright, P. L., S. A. Dow, and E. E. Roney, Jr. 1962. Growth and maturity in the pronghorn. 42nd Ann. Meet. Amer. Soc. Mamm.

SEE ALSO

BIG GAME: Various authors, 1955-66; and others.

PARASITES AND DISEASES: Greiner, 1965.

BEAR (GENERAL)

Brown, R. L. 1959. Investigations of reported bear depredations on livestock. Montana Fish and Game Department. P-R Job Compl. Rept. Proj. W-49-R-8.

Cole, G. F. 1961. Montana needs more bear hunters. Mont. Wildl. January.

Conney, R. F. 1953. Thars Bar in Them Thar Hills. Mont. Wildl. Fall.

Jonkel, C. J. 1964. Estimating whole weights of black bears from hog-dressed weights. J. Wildl. Mgmt. 28(3): 581.

Macguire, J. A. 1918. Protecting the bear. Montana Fish and Game Comm. 1917-18 Biennial Report: 49-50.

SEE ALSO

BIG GAME: Various authors, 1955-66; and others.

PARASITES AND DISEASES: Scott, 1934.

BLACK BEAR

Anonymous. 1956. Black bear boudoir. Montana Wildlife. 6(1): 25.

Jonkel, C. J. 1961. Tips on hunting black bear. Montana Wildlife. July.

Jonkel, C. J. 1960-65. Black bear population studies. Montana Fish and Game Department. P-R Job Compl. Repts. W-98-R-1 through 4, Job B-1. (multilith).

Murie, O. J. 1944. Progress report on the Yellowstone bear study. National Park Service. 13 pp. Mimeo.

Skinner, M. P. 1925. Bears in the Yellowstone. A. C. McClurg and Co., Chicago.

Stoneberg, R. P. and C. J. Jonkel. 1966. Age determination of black bears by cementum layers. J. Wildl. Mgmt., 30(2): 411-414.

Tisch, E. L. 1961. Seasonal food habits of the black bear in the Whitefish range of northwestern Montana. Unpubl. M.S. Thesis, University of Montana, Missoula. 108 pp.

GRIZZLY BEAR

Anonymous. 1942. Grizzly bear survey. Montana Fish and Game Comm. 1941-42 Biennial Report.

Cooney, R. F. 1956. Wilderness monarch. Montana Wildlife. Spring.

Craighead, J. J., M. G. Hornocker, W. W. Woodgerd, and F. C. Craighead, Jr. 1960. Trapping, immobilizing and color-marking grizzly bears. Trans. N. Am. Wildl. Conf. 25: 347-363.

Craighead, F. C., J. J. Craighead, and R. S. Davies. 1963. Radiotracking of grizzly bears. Biotelemetry 1963: 133-148.

Craighead, F. C., Jr. and J. J. Craighead. 1965. Tracking grizzly bears. Bioscience, 15(2): 88-92.

Hornocker, M. G. 1962. Population characteristics and social reproductive behavior of the grizzly bear in Yellowstone Park. Unpubl. M. S. Thesis, University of Montana, Missoula. 94 pp.

Kennedy, M. 1960. The grizzly-fabled giant of western history. Montana Wildlife. January. 15-28.

Marshall, P. B. 1955. Grizzly bear survey. Montana Fish and Game Department. Quarterly Report. January-April: 113-131.

Taylor, R. A. 1962. Results of a four-year survey of the grizzly bear kill in Montana. N.W. Wildl. Soc. Meet., Missoula, Montana.

SEE ALSO

BIG GAME: Anonymous, 1942.

BIGHORN SHEEP.

Anonymous. 1948. Bringing back our bighorns. Outdoor Montana. February-March. : 11.

Buechner, H. K. 1960. The bighorn sheep in the U.S., its past, present and future. Wildl. Mono. No. 4. 174 pp.

Couey, F. M. 1944. Rocky Mountain bighorn sheep in Montana. Montana Fish and Game Department Report. 65 pp.

Couey, F. M. 1950. Rocky Mountain bighorn sheep in Montana. Montana Fish and Game Comm. Wildl. Rest. Div. Bull. 2. 90 pp.

Couey, F. M. 1953. Are the bighorns doomed? Mont. Wildl. Winter.

Couey, F. M. 1955. The bighorns are back. Mont. Wildl. Fall.

Couey, F. M. 1955. Montana bighorn sheep. Proc. West Assoc. State Game and Fish Comm. 35: 162-166.

- Forrester, D. J., and R. S. Hoffmann. 1963. Growth and behavior of a captive bighorn lamb. J. Mamm. 44(1): 116-118.
- Ogren, H. A. 1954. A population study of the Rocky Mountain bighorn sheep. (*Ovis canadensis canadensis* Shaw) on Wildhorse Island. Unpubl. M. S. Thesis, University of Montana, Missoula. 77 pp.
- Schallenberger, A. D. 1966. Food habits, range use and interspecific relationships of bighorn sheep in the Sun River Area, westcentral Montana. Unpubl. M.S. Thesis. Montana State College, Bozeman.
- Taylor, R. A. 1963. Characteristics of horn growth in bighorn sheep rams. Unpubl. M. S. Thesis, University of Montana, Missoula. 129 pp.
- Thompson, K. 1943. Historical range and notes on Audobon's mountain sheep. Montana Fish and Game Department Quarterly Report. Typewritten.
- Woodgerd, W. W. 1964. Population dynamics of bighorn sheep on Wildhorse Island. J. Wild. Mgmt. 28(2): 381-391.
- Woodgerd, W. W. and D. J. Forrester. 1962. Observability of colored ear markers on Rocky Mountain bighorn lambs. Desert Bighorn Council. 1965: 65-68.

SEE ALSO

BIG GAME: Various authors, 1955-66.

PARASITES AND DISEASE: Forrester, 1960, 62; Forrester and Senger, 1963, 64; and Hadlow and Tallison, 1962.

BISON

- Wright, P. 1959. The big ones. Montana Wildlife. February.
- Winchell, J. R. 1963. Age criteria for American bison. Unpubl. M.S. Thesis, University of Montana, Missoula.

SEE ALSO

PARASITES AND DISEASE: Rush, 1932.

REFUGES AND PRESERVES: Anonymous, 1957; and Elrod, 1926.

CARIBOU

- Anonymous. 1953. Caribou on the Yaak. Montana Wildlife. August.

DEER (GENERAL)

- Anonymous. 1943. Swan Valley deer study. Montana Fish and Game Department Special Report. 32 pp.
- Anonymous. 1951. The doe story - should they be hunted? Sporting Montana. Winter: 8.
- Adams, L. 1947. Observations on deer and hunters in the Fisher River district, Montana. U.S. Forest Service, No. Rocky Mountain Expt. Sta. Res. Note 48. 4 pp.
- Adams, L. 1948. Deer browsing on ponderosa pine. Proc. Mont. Acad. Sci. 8(8): 65.
- Adams, L. 1949. The effects of deer on conifer reproduction in northwestern Montana. J. Forestry 47(11): 909-913.
- Blair, R. P. 1952-55. Lincoln County deer management study. Montana Fish and Game Department. P-R Quarterly Report. Proj. W-36-R. October 1952: 32-33. April 1953: 79-93. July 1954: 25-62. July 1955: 71-86.
- Brown, D. L. 1946. Trapping and transplanting of white-tailed and mule deer in Montana. Montana Fish and Game Department Special Report. 50 pp.
- Cole, G. F. 1958. Montana deer management-Where do we go from here? Montana Wildlife. January.
- Johnson, D. E. 1952. Population determinations of deer (Fort Peck Game Range and vicinity). Montana Fish and Game Department P-R Quarterly Report. January-March: 18-23.
- Klebonow, D. A. 1962. Ecology and productivity of a montane forest winter deer range. Unpubl. M.S. Thesis, University of Montana, Missoula. 93 pp.
- Klebonow, D. A. 1965. A montane forest winter deer habitat in western Montana. J. Wildl. Mgmt. 29(1): 27-33.
- Mackie, R. J. 1964. Montana deer weights. Montana Wildlife. Winter 7 pp.
- Moore, W. K. 1928. The buck law and its benefits. Montana Fish and Game Comm. 1927-28 Biennial Report: 8.
- Parsell, J. 1943. 1-R surveys and investigations Madison-Ruby study. Final Progress Report. P-R Project 1-R. Montana Fish and Game Dept.
- Pengelly, W. L. 1963. Timberlands and deer in the northern Rockies. J. Forestry 61(10): 734-740.
- Pengelly, W. L. 1964. Deer, dollars, and decision. Proc. 55th West. Forestry and Cons. Ass'n., Portland, Oregon.

- Riersgard, K. E. 1949. Powder River Unit-Deer study in the Ashland Division of the Custer National Forest. Montana Fish and Game Department. P-R. Quarterly Report. April-June: 29-45.
- Taber, R. D. 1963. The secondary sex ratio in Odocoileus. J. Wildl. Mgmt. 17: 95-97.
- White, K. L. 1960. Notes on use of Clover One-shot Deer Marker. J. Wildl. Mgmt. 24:(1) 102.
- Woodgerd, W. W. 1964. Nature's deer harvest. Montana Wildlife. Spring.

SEE ALSO:

BIG GAME: DeNio, 1938; Jonkel, 1959-64; and Morris and Schwartz, 1957.

PARASITES AND DISEASE: DeNio and West; Greiner, 1965; and Senger, 1958, 63.

RANGE AND FOREST MANAGEMENT: Cole, 1957; Johnson, et. al., 1950; and Schmautz and Zajanc, 1949.

GAME-LIVESTOCK REL.: Mackie, 1961-65.

EFFECTS OF CHEMICALS: Quimby, 1966; Thompson and Secor, 1957.

MULE DEER

- Anonymous. 1946. Trapping and transplanting mule deer. Montana Fish and Game Comm. 1945-46 Biennial Report.
- Browman, L. G. and P. Hudson. 1957. Observations on the behavior of penned mule deer. J. Mamm. 38(2): 247-253.
- Chaffee, G. 1953. Investigations of deer mortality in the Blacktail Hills. Montana Fish and Game Department. P-R Quarterly Report. April-June: 16-19.
- Egan, J. L. 1957. Some relationships between mule deer and alfalfa production in Powder River County, Montana. Unpubl. M.S. Thesis. Montana State College, Bozeman. 34 pp.
- Egan, J. L. 1960. Some relationships between mule deer and alfalfa production in Powder River County, Montana. Proc. West. Assoc. State Game and Fish Comm. 40: 232-240.
- Grieser, K. 1955. Gonadotrophic potency of mule deer pituitaries and the possible correlation with the reproductive cycle. Unpubl. M. S. These, University of Montana, Missoula. 56 pp.

- Gaab, J. E. 1952. Stillwater River - Mule deer aging and skeletal development. Montana Fish and Game Department. P-R Quarterly Report. January-March: 43-48.
- Hudson, P. 1956. The morphology of the embryonic and fetal development of the Rocky Mountain mule deer. Unpubl. M.S. Thesis, University of Montana, Missoula. 61 pp. (typewritten).
- Hudson, P. 1959. Fetal recoveries in mule deer. J. Wildl. Mgmt., 23: (2) 234-235.
- Hudson, P. and L. G. Browman. 1959. Embryonic and development of the mule deer. J. Wildl. Mgmt., 23(3): 295-304.
- Johnson, D. E. 1952. Population studies of deer (Little Belt Mountains). Montana Fish and Game Department. P-R Quarterly Report. January-March: 24-26.
- Lovaas, A. L. 1957. Mule deer food habits and range use in the Little Belt Mountains, Montana. Unpubl. M.S. Thesis. Montana State College, Bozeman. 43 pp.
- Lovaas, A. L. 1958. Mule deer food habits and range use, Little Belt Mountains, Montana. J. Wildl. Mgmt., 22(3): 275-283.
- Lovaas, A. L. 1958. Stillwater deer investigation. P-R Job Compl. Rept., Proj. W-75-R-3, Job A-2. Montana Fish and Game Department. 9 pp.
- Mackie, R. J. 1966. Some phenomena associated with dynamics of mule deer in the Missouri River Breaks, Montana. 46th Ann. Conf. West. Assoc. of State Game and Fish Comm.
- Nellis, C. H. 1964. The mule deer of the National Bison Range: Population dynamics, food habits, and physical conditions. Unpubl. M.S. Thesis, University of Montana, Missoula. 147 pp. (mimeo).
- Nellis, C. H. 1966. Lens weights of mule deer fetuses. J. Wildl. Mgmt., 30(2): 411-414.
- Sears, H. S. 1955. Certain aspects of the reproductive physiology of the female mule deer. Unpubl. M.S. Thesis, University of Montana, Missoula. 82 pp. (typewritten).
- South, P. R. 1957. Food habits and range use of the mule deer in the Scudder Creek area, Beaverhead County, Montana. Unpubl. M.S. Thesis, Montana State College, Bozeman. 34 pp.
- Taber, R. D. 1957. Relationship between seasonal nutrient plane, seasonal physical condition, reproductive rate and life expectancy in black-tailed deer. Proc. Mont. Acad. Sci. 17: 57-59.
- Taber, R. D., K. L. White, and N. S. Smith. 1959. The annual cycle of condition in the Rattlesnake, Montana mule deer. Proc. Mont. Acad. Sci. 19: 72-79.

- White, K. L. 1958. Summer range ecology of Rattlesnake Creek mule deer in the spruce-fir zone. Unpubl. M.S. Thesis. University of Montana, Missoula. 95 pp.
- Wilkins, B. T. 1956. Range use, food habits and agricultural relationships of mule deer, Bridger Mountains, Montana. Unpubl. M.S. Thesis, Montana State College. Bozeman. 34 pp.
- Wilkins, B. T. 1957. Range use, food habits, and agricultural relationships of the mule deer, Bridger Mountains, Montana. J. Wildl. Mgmt., 21(2): 159-169.

SEE ALSO:

BIG GAME: Anonymous, 1965; DeNio, 1938; Morris and Schwartz, 1957; Lovaas, 1962-63; Peek, 1965; Taber, 1958; Various authors, 1955-66; and others.

DEER (GENERAL): Brown, 1946; Johnson, 1952; Klebenow, 1962, 1965; Mackie, 1964; Parsell, 1943; Riersgard, 1949; and others.

BIGHORN SHEEP: Schallenberger, 1966.

GAME-LIVESTOCK RELATIONS: Mackie, 1965.

WHITE-TAILED DEER

- Anonymous. 1946. Trapping and transplanting white-tail deer. Montana Fish and Game Comm. 1945-46 Biennial Report.
- Anonymous. 1957. White-tailed deer. Montana Wildlife. February.
- Adams, L. 1951. White-tailed deer browsing on ponderosa pine plantations. U.S. Forest Service, No. Rocky Mountain Expt. Sta. Res. Note 89, 5 pp. (multilith).
- Adams, L. 1951. White-tailed deer browsing on natural conifer seedlings. U.S. Forest Service, No. Rocky Mountain Expt. Sta. Res. Note 105, 3 pp. (multilith).
- Aiton, J. F. 1938. Enlarged spleen in white-tail deer at Glacier National Park. Trans. N. Am. Wildl. Conf. 3: 890-892.
- Aiton, J. F. 1938. Relationship of predators to white-tail deer in Glacier National Park. Trans. N. Am. Wildl. Conf. 3: 302-304.
- Allen, E. O. 1965. Food and range use habits of white-tail deer on Missouri River bottomlands in northcentral Montana. Unpubl. M.S. Thesis, Montana State College, Bozeman.

Neils, G. 1955. Management of white-tailed deer and ponderosa pine. Trans. N. Am. Wildl. Conf. 20: 539-550.

Nellis, C. H. 1965. Antler from right zygomatic arch of white-tailed deer. J. Mamm., 46(1): 108-109.

Rognrud, M. 1950. Investigations of the white-tailed deer in the Swan River. Montana Fish and Game Department, P-R Quarterly Report, Proj. W-1-R. pp. 38-45.

Schmautz, J. E. 1949. Seasonal migration of white-tailed deer in the Fisher River drainage. Montana Fish and Game Department, P-R, Quarterly Report, Proj. 36-R, October-December.

Schmautz, J. E. and A. Zajanc. 1949. A study of the white-tailed deer population in the Fisher-Wolf Creek area. Montana Fish and Game Department, P-R Quarterly Report, Proj. W-1-R. pp. 1-16.

Schmautz, J. E. A. Zajanc, and R. Fish. 1950-51. Lincoln County deer management study. Montana Fish and Game Department, P-R Quarterly Reports, Proj. W-36-R. January 1950; July 1950: 66-87; October 1950: 28-30; April 1951: 1-16.

Skinner, M. P. 1929. White-tailed deer formerly in Yellowstone Park. J. Mamm., 10(2): 101-115.

SEE ALSO:

BIG GAME: Various authors, 1955-66; and others.

BIGHORN SHEEP: Schallenberger, 1966.

DEER: Anonymous, 1943; Adams, 1947, 1948, 1949; Blair, 1952-55; Brown, 1946; Johnson, 1952; Mackie, 1964; Pengelly, 1963; and others.

ELK

Anonymous. 1911. Elk in Montana. Biol. Circ. 82: 10.

Anonymous. 1950. Elk planting program. Montana Fish and Game Comm. 1949-50 Biennial Report.

Anonymous. 1961. The Upper Gallatin Elk Herd -- cooperative management. Montana Wildlife. July.

Anonymous. 1964. A review of some events affecting management of the Upper Gallatin Elk Herd. Montana Fish and Game Department, Unpubl. Special Report. 46 pp.

Anonymous. 1964. Sun River Elk Herd, 1910-1964. Montana Fish and Game Department. Unpubl. Special Report, 53 pp.

- Anonymous. 1966. Special Upper Gallatin Elk Season, 1965-1966. Unpubl. Montana Fish and Game Department Report.
- Ball, L. A. 1958. Elk nutrition - The responses of elk calves to various winter diets under controlled conditions. Unpubl. M.S. Thesis University of Montana, Missoula. 101 pp. (typewritten)
- Barmore, W. F. 1965. Aspen-Elk relationships on the Northern Yellowstone Winter Range. West. Assoc. Game and Fish Comm. Elk Workshop. 16 pp.
- Brazada, A. R. 1953. Elk migration patterns and some of the factors affecting movements in the Gallatin River drainage, Montana. Unpubl. M.S. Thesis, Montana State College, Bozeman. 42 pp.
- Brazada, A. R. 1953. Elk migration patterns and some of the factors affecting movements in the Gallatin River drainage, Montana. J. Wildl. Mgmt., 17:(1) 9-23.
- Cahalane, V. H. 1938. The annual Northern Yellowstone elk herd count. Trans. N. Am. Wildl. Conf. 3: 388-389.
- Cahalane, V. H. 1943. Elk management and herd regulations - Yellowstone National Park. Trans. N. Am. Wildl. Conf. 8: 95-101.
- Carpenter, M.S. 1921. Depletion of Montana Elk. Outdoor Life. 47: 181.
- Cheatum, E. L., and J. E. Gaab. 1952. Productivity of North Yellowstone elk as indicated by ovary analysis. Proc. West. Assoc. State Game and Fish Comm. 32: 174-177.
- Child, F. W. 1935. Management of the Yellowstone elk. Am. Wildl. 24(5): 69,77-78.
- Cole, G. F. 1959. Little Belt Elk food habits and range use investigations. Game range survey. Montana Fish and Game Department, P-R job Compl. Rept. Proj. W-37-R-10. Job B-5.
- Conaway, C. 1952. The age at sexual maturity in male elk (Cervus canadensis). J. Wildl. Mgmt., 16: (3) 313-315.
- Cooney, R. F. and L. J. Howard. 1935. The Sun River elk herd report. Lewis and Clark National Forest, unpubl. Report. 318 pp.
- Cooney, R. F. 1940. The Sun River elk herd. U. S. Forest Service, Lewis and Clark National Forest, typewritten report. 91 pp.
- Cooney, R. F. 1940. The Sun River elk herd. Lewis and Clark National Forest. Unpubl. Report. 96 pp.
- Cooney, R. F. 1948. Winter range for Sun River elk - Outdoor Montana. February-March: 10.
- Cooney, R. F. 1950. A herd for the future. Sporting Montana. Fall: 6.

- Cooney, R. F. 1952. Elk problems in Montana. J. Range Mgmt. 5(1): 3-7.
- Cooney, R. F. 1954. Judith elk. Montana Wildlife. Fall.
- Cooney, R. F. 1957. Madison-Bear Creek elk Range acquisition. Montana Wildlife. February.
- Cooney, R. F. 1961. The Madison-Wall Creek Winter Elk Range Acquisition. Montana Wildlife. January.
- Couey, F. M. 1947. Spring range check and dead elk count, Gallatin elk herd. Montana Fish and Game Department. Unpubl. Report. 9 pp. (typewritten).
- Couey, F. M. 1952. Elk lift. Montana Wildlife.
- Craig, V. and J. McLucas. 1962. Montana's elk herds through the years. Montana Wildlife. January.
- Craighead, F. C. and J. J. Craighead. 1965. A biotelemetry system for elk. Yellowstone Field Expedition V, Atmospheric Sciences Research Center, State University of N.Y., Pub. No. 31, pp. 39-46.
- Cramer, A. J. 1939. Ear-tagging elk. U.S. Forest Service. Field Notes on Wildlife 1(2), 5 pp. (multilith).
- Cross, H. J. 1965. The elk herd of the East Fork of the Bitterroot River. Unpubl. M.S. Thesis, University of Montana, Missoula. 95 pp.
- Cross, H. J. 1966. April censusing of a wintering elk herd. 46th Ann. Conf. West. Assoc. of State Game and Fish Comm.
- Dale, R. G. 1930. Elk and lodgepole pine. Yellowstone Nat. Notes. 7(4): 21.
- Dresskell, W. W. 1962. Elk planting in Montana. U.S. Forest Service Report.
- Ellis, R. I. 1965. Movements and concentrations of marked elk on the winter range (northwestern Yellowstone Elk Herd). Unpubl. M.S. Thesis, University of Montana, Missoula. 92 pp.
- Gaab, J. E. 1948-1949. West Gallatin winter elk study. Montana Fish and Game Department. P-R Quarterly Report. July-September: (1948 Report 44 pp.; 1949 Report 10 pp.; typewritten).
- Gaab, J. E. 1952. Northern Yellowstone elk harvest and "Elk Lift". Montana Fish and Game Department P-R Quarterly Report. January-March: 49-55.
- Gaab, J. E. 1952. Elk winter study, Upper Gallatin. Montana Fish and Game Department, P-R Job Compl. Rept., Proj. W-35-R-3. 12 pp. (typewritten).

- Gaffney, W. S. 1941. The effects of winter elk browsing, South Fork of the Flathead River, Montana. J. Wildl. Mgmt. 5(4): 427-453.
- Geis, A. F. 1954. The food consumption and relative digestibility of various winter diets fed to elk (Cervus canadensis nelsoni). Unpubl. M.S. Thesis, Montana State University, Missoula.
- Graves, H. S. and E. W. Nelson. 1919. Our National Elk Herds. USDA Cir. 51, 34 pp., illus.
- Greer, K. R. and R. E. Howe. 1964. Winter weights of northern Yellowstone elk, 1961-62. Trans. 29th N. Amer. Wildl. and Nat. Res. Conf.
- Greer, K. R. and H. Picton. 1964. Special collections. Yellowstone elk study - Live blood analysis, minerals and vitamins. Montana Fish and Game Department, P-R Job Compl. Rept. Proj. W-83-R-7, Job III-B. 9 pp. (multilith).
- Greer, K. R. 1965. (Special Collections) -- Collections from the Gallatin Elk Post Season, 1964-65. Montana Fish and Game Department, P-R Job Compl. Rept. Proj. W-83-R-8, Job III-B.
- Greer, K. R. 1965. (Special Collections) Collections from the Gardiner Elk Post Season, 1965. Northern Yellowstone herd. Montana Fish and Game Department P-R, Job Compl. Rept. Proj. W-83-R-8, Job III-B.
- Greer, K. R. 1966. Fertility rates of the northern Yellowstone elk populations. West. Assoc. State Game and Fish Comm, 46th Ann. Conf. Butte, Montana. 10 pp.
- Hartkorn, F. 1959. Where were the elk last fall? Montana Wildlife. February.
- Helwig, L. L. 1957. The value of conifers as a winter food for elk (Cervus canadensis nelsoni) determined under controlled conditions. Unpubl. M.S. Thesis, Montana State University, Missoula. 79 pp.
- Hodder, D. and J. E. Gaab. 1949. West Gallatin Winter elk study. Montana Fish and Game Department, P-R Quarterly Report., October-December.
- Howard, L. J. 1936. Rocky Mountain division, winter game study (Sun River-Dearborn units). U.S. Forest Service, Lewis and Clark, Nat. For. Unpubl. Report. 242 pp.
- Howard, L. J. 1937. Sun River game studies report. U.S. Forest Service, Lewis and Clark Nat. For. Unpubl. Report. 162 pp. illus.
- Howe, R. E. 1963. Successful live trapping of elk on their winter range. Proc. West. Assoc. State Game and Fish Comm. 43: 147-150.
- Hungerford, C. R. 1952. The food consumption and weight response of elk under winter conditions. Unpubl. M.S. Thesis, University of Montana Missoula. 60 pp.

- Janson, R. 1966. Movements of transplanted Yellowstone elk in west-central Montana. 46th Ann. Conf. West. Assoc. of State Game and Fish Comm.
- Johnson, D. E. 1950. Biology of the elk calf, Cervus canadensis nelsoni. Unpubl. M.S. Thesis. Montana State College, Bozeman. 52 pp.
- Johnson, D. E. 1951. Biology of the elk calf, Cervus canadensis nelsoni. J. Wildl. Mgmt., 15: (4) 396-410.
- Kirsch, J. B. 1963. Range use, relationships to logging, and food habits of the elk in the Little Belt Mountains, Montana. Unpubl. M.S. Thesis. Montana State College, Bozeman. 44 pp.
- Kittams, W. H. 1953. Reproduction of Yellowstone elk. J. Wildl. Mgmt. 17(2): 177-184.
- Knight, R. R. 1961-65. Elk population trends, food habits, and range relationships in the Sun River area. P-R Job Compl. Rept. Proj. W-98-R-1 through 5. Job B-4, Montana Fish and Game Department. (multilith).
- Knight, R. R. 1966. Bone characteristics associated with aging in elk. J. Wildl. Mgmt. 30(2): 369-374.
- LaNoue, F. D. 1938. Census of the Yellowstone elk herd. University of Idaho Bull. No. 33: 42-43.
- Lommasson, T. 1927. Elk forage in Montana. Montana University School of Forestry, Kaimin: 19-21. Illus.
- Lovaas, A. L. 1965. The Gallatin elk herd. Montana Fish and Game Comm. Report. Mont. Wildl. Federation News, 5(2): 3. February.
- Lovaas, A. L., J. L. Egan, and R. R. Knight. 1966. Aerial counting of two Montana elk herds. J. Wildl. Mgmt., 30(2): 364-369.
- Lyman, J. R. 1964. Elk food habits in region one. Unpubl. U.S. For. Serv. Rept.
- Mills, H. B. 1936. Observations on Yellowstone elk. J. Mamm., 17: 250-253.
- Morris, M. S. and C. R. Hungerford. 1952. Food consumption and weight response of elk under winter conditions. Proc. West. Assoc. State Game and Fish Comm. 32: 185-187.
- Morris, M. 1958. A study of the winter food consumption of elk under controlled conditions. Unpubl. Manuscript. School of Forestry, Montana State University, Missoula.
- Morrison, J. A. 1957. Estrous behavior, embryological development, and ovarian characteristics in elk of known breeding history. Unpubl. M.S. Thesis, University of Montana, Missoula. 102 pp.

- Morrison, J. A. 1959. Breeding season in elk as determined from known-age embryos. J. Wildl. Mgmt., 23:(1) 27-34.
- Morrison, J. A. 1960. Ovarian characteristics in elk of known breeding history. J. Wildl. Mgmt., 24: (3) 297-307.
- Morse, W. B. 1958. Sun River medicine. Am. Forests 64(4): 24-26, 44.
- Murie, O. J. 1947. The firing line. Am. Forests. 53(9): 392-394, 422.
- Murie, O. J. 1951. The elk of North America. Stackpole Co., Harrisburg, Pa. and Wildl. Mgmt. Inst., Washington, D. C. 376 pp.
- Murie, O. J. 1963. Abnormal wapiti antlers. J. of Mamm., 44(2): 261-262.
- Olson, A. L. 1938. The "Firing Line" in the management of the northern elk herd. University of Idaho. Bull. No. 8: 36-42.
- Packer, P. E. 1963. Soil stability requirements for the Gallatin elk winter range. J. Wildl. Mgmt., 27(3): 401-410.
- Parsell, J. 1943. Report of survey of the West Gallatin elk herd. Montana Fish and Game Department. Report. 3 pp. (typewritten).
- Peek, J. M. 1965. Seven Montana elk herds. Montana Wildlife. Fall.
- Peek, J. M. 1966. Comparison of two mid-winter elk hunting seasons, Upper Gallatin drainage, Montana. 46th Ann. Conf. West. Assoc. of State Game and Fish Comm.
- Pengelly, W. L. 1960. Elk population problems in the Bob Marshall Wilderness area, Montana. University of California Wildland Research Center. (O.R.R.C. Report #3). 60 pp. (mimeo).
- Pengelly, W. L. 1963. "Thunder on the Yellowstone". Naturalist (2): 18-25.
- Picton, H. D. 1959. Use of vegetative types, migration, and hunter harvest of the Sun River elk herd, Montana. Unpubl. M.S. Thesis, Montana State College, Bozeman. 39 pp.
- Picton, H. D. 1960. Migration patterns of the Sun River elk herd, Montana. J. Wildl. Mgmt., 24 (3): 279-290.
- Picton, H. D. 1961. Differential hunter harvest of elk in two Montana herds. J. Wildl. Mgmt., 25(4): 415-421.
- Quimby, D. C. and D. E. Johnson. 1951. Weights and measurements of Rocky Mountain elk. J. Wildl. Mgmt., 15 (1): 57-62.
- Quimby, D. C. and J. E. Gaab. 1952. Preliminary report on a study of elk dentition as a means of determining age classes. Proc. Ann. Conf. West. Assoc. of State Game and Fish Comm., 32: 225-227.

- Quimby, D. C. and J. E. Gaab. 1957. Mandibular dentition as an age indicator in Rocky Mountain elk. J. Wildl. Mgmt., 21(4): 435-451.
- Rasmussen, B. L. 1962. Elk management problems in Yellowstone Park. Forest Service objectives, policies, and responsibilities. Unpubl. For. Serv. Rept.
- Roberts, P. H. 1955. Saving a heritage. U.S. For. Serv., Lewis and Clark Nat. For. Rept. Unpubl. 23 pp.
- Rush, W. M. 1927. Ivory hunting. The Big Horn. IV(4): 7-8.
- Rush, W. M. 1930. The Northern Yellowstone Elk herd. Montana Fish and Game Comm. 1929-30 Biennial Report.: 21-22.
- Rush, W. M. 1930. Who owns the Du Rand mystery elk herd? Montana Wildlife. Montana Fish and Game Department. 3(1): 12-13.
- Rush, W. M. 1931. The Northern Yellowstone elk study. Trans. Amer. Game Conf., 18: 256-257.
- Rush, W. M. 1932. The elk situation in Montana. Montana Fish and Game Comm., 1931-32 Biennial Report: 7.
- Rush, W. M. 1932. Northern Yellowstone elk study. Montana Fish and Game Bull. 131 pp.
- Rouse, R. 1957. Elk food habits, range use and movements in Gravelly Mountains, Montana. Unpubl. M.S. Thesis, Montana State College, Bozeman.
- Saunders, J. K. 1955. Fetus in yearling cow elk. J. Wildl. Mgmt., 36(1): 154.
- Skinner, M.P. 1925. Migration routes of Yellowstone elk. J. Mamm. 6: 184-197.
- Skinner, C. K. 1946. Live elk weights from small group weighed during winter of 1946. Nature Notes Yellowstone National Park, 20(3): 1-12.
- Skinner, C. K. 1950. Problem of surplus elk in Yellowstone National Park. U.S. Nat. Park Serv. Report. (mimeo).
- Skinner, M. P. 1928. The elk situation. J. Mamm., 9(4): 309.
- Smith, G. A. 1929. The elk herds of Montana. Montana Wildlife. 1(8): 31-32.
- Smith, G. A. 1930. The Sun River elk herd. J. For., 28: 644-647.
- Sperry, C. C. 1936. The Sun River Preserve and its elk herd. U.S. For. Serv. Lewis and Clark Nat. For. Unpubl. Rept. 18 pp.
- Stockstad, D. S. 1954. Evaluating the helicopter for aerial census and hunting on elk. Montana Fish and Game Department, P-R Quarterly Report, April-June: 182-186.

- Townsend, J. E. 1957. Game management aspects of the Gallatin elk herd in Montana. Proc. West. Assoc. State Game and Fish Comm. 37: 206-210.
- West, R. M. 1941. Elk of the northern Rocky Mountains Region. U.S.F.S. No. Rocky Mountain field notes on wildlife. 2(9).
- Youngs, H.S. 1916. Report on conditions existing on the winter elk range. U.S. Forest Service. Lewis and Clark National Forest. Unpubl. Rept. 29 pp. illus. (typewritten).
- Zajanc, A. and S. M. Brandborg. 1948. Vegetative readiness and elk migration in Indian Creek and the West Fork of the Sun River. Montana Fish and Game Department. P-R Quarterly Report. July-September 28-32.

SEE ALSO

BIG GAME: Anonymous, 1949; Anonymous, 1965; Anderson and West 1941; Cooney, 1951; Craighead and Craighead, 1965; DeNio, 1938; Howard, 1934; Jonkel, 1959-64; Lovaas, 1962-63; Lyon, 1966; Morris and Schwartz, 1957; Peek, 1966; Rognrud, 1949, '55; Rush, 1931; Shaw and Casebeer, 1942; Various authors, 1955-66; and others.

BIGHORN SHEEP: Schallenberger, 1966.

MOOSE: McMillan, 1953.

PARASITES AND DISEASES: Barrett and Worley, 1965; McBee, et. al., 1964; and Rush, 1932.

REFUGES AND PRESERVES: Anonymous, 1936.

RANGE AND FOREST MANAGEMENT: Cole, 1957; Grim, 1939; Hodder, 1948, '53, '55; Moir, 1943; Steel, 1960; and McCall, et. al., 1943.

GAME-LIVESTOCK REL.: Mackie, 1961-65; Morris, 1956; Rouse, 1957-61; and Stevens, 1965-66.

MOOSE

Anonymous. 1942. Hellroaring-Slough Creek moose investigation. Montana Fish and Game Comm., 1941-42 Biennial Report.

Anonymous. 1962. Censusing moose by helicopter. Montana Wildlife. January.

Gaab, J. E. and B. Neal. 1948. Moose survey Upper Gallatin-Tom Miner Basin area. Montana Fish and Game Department, P-R Quarterly Report. January-March: 77-94.

- Knowlton, F. F. 1959. Food habits, movements and population structure of moose in the Gravelly Mountains, Montana. Unpubl. M.S. Thesis. Montana State College, Bozeman. 27 pp.
- Knowlton, F. F. 1960. Food habits, movements and populations of moose in the Gravelly Mountains, Montana. J. Wildl. Mgmt., 24(2): 162-170.
- McDowell, L. and M. Marshall. 1942. Montana moose survey - Hellroaring, Buffalo, Slough Creek Unit. Montana Fish and Game Department, Job Compl. Report. 70 pp. (typewritten).
- McMillan, J. F. 1953. Some feeding habits of moose in Yellowstone National Park. Ecology, 34: 102-110.
- McMillan, J. F. 1953. Measures of association between moose and elk on feed grounds. J. Wildl. Mgmt., 17(2): 162-166.
- McMillan, J. F. 1954. Summer home range and population size of moose in Yellowstone National Park. University of Wichita Bull. U. Studies No. 28. 16 pp.
- McMillan, J. F. 1954. Some observations on moose in Yellowstone Park. Amer. Midland Nat., 52(2): 392-399.
- Peek, J. M. 1961. Reproduction of moose in southwestern Montana. Unpubl. M.S. Thesis. Montana State College, Bozeman. 30 pp.
- Peek, J. M. 1962. Studies of moose in the Gravelly and Snowcrest Mountains, Montana. J. Wildl. Mgmt. 26(4): 360-365.
- Peek, J. M. 1962. Moose! Largest of Montana's big game. Montana Wildlife. January. 26-29.
- Peek, J. M. 1963. Big game surveys and investigations - appraisal of Gravelly-Snowcrest Mountains moose ranges. Montana Fish and Game Department. Job Compl. Rept. Proj. W-73-R-8, Job A-1. (multilith).
- Peek, J. M. 1963. Appraisal of a moose range in southwestern Montana. J. Range Mgmt., 16(5): 227-231.
- Rouse, R. A. 1960. Moose investigations. Montana Fish and Game Department. Job Compl. Rept., Proj. W-73-R-5, Job A-1.4. (multilith) 5 pp.
- Smith, N. S. 1962. The fall and winter ecology of the shiras moose (Alces alces shiras) in the Rock Creek drainage, Granite County, Montana. Unpubl. M.S. Thesis. University of Montana, Missoula, 52 pp. (multilith).
- Stevens, D. R. 1965. Moose population and forage inventories in southwestern Montana. Montana Fish and Game Department, P-R Job Compl. Rept., Proj. W-98-R-5, Job B-13. 39 pp. (multilith).

Stevens, D. R. 1966. Recovery of a major moose range in southwestern Montana. 46th Ann. Conf. West. Assoc. of State Game and Fish Comm.

Thompson, W. K. 1949. Observations of moose courting behavior. J. Wildlf. Mgmt., 13(3): 313.

SEE ALSO:

BIG GAME:

PARASITES AND DISEASE: Fenstermacher and Jellison, 1933; and Jellison, 1936, '53.

MOUNTAIN GOATS

Anonymous. 1946. Trapping and transplanting goats. Montana Fish and Game Comm. 1945-46 Biennial Report.

Bayless, S. R. 1963. The Rocky Mountain goat in Montana -- Today and yesterday. Montana Wildlife Federation News. November.

Casebeer, R. L. 1948. Food habits of Rocky Mountain goats in western Montana. Unpubl. M.S. Thesis, University of Montana, Missoula.

Casebeer, R. L. 1948. Food habits of mountain goats in western Montana. Proc. Mont. Acad. Sci. 8: 69.

Casebeer, R. L., M. J. Rognrud, and S. M. Brandberg, 1950. Rocky Mountain goats in Montana. Montana Fish and Game Comm., Wildl. Rest. Div. Bull. No. 5, 107 pp. (mimeo).

Cooney, R. F. 1946. Trapping and transplanting mountain goats. Proc. West. Assoc. State Game and Fish Comm. 26: 106-109.

Foss, A. J. 1962. A study of the Rocky Mountain goat in Montana. Unpubl. M.S. Thesis. Montana State College, Bozeman. 26 pp.

Gaab, J. E. 1955. Those Crazy Mountain goats. Montana Wildlife. Winter.

Jellison, W. L. 1930. A pair of deformed Rocky Mountain goat horns. J. of Mamm., 11: 474.

Lentfer, J. W. 1954. A two-year study of the Rocky Mountain goat in the Crazy Mountains, Montana. Unpubl. M.S. Thesis. Montana State College, Bozeman. 40 pp.

Lentfer, J. W. 1955. A two-year study of the Rocky Mountain goat in the Crazy Mountains, Montana. J. Wildl. Mgmt., 19(4): 417-429.

Peek, J. M. 1962. Rocky Mountain goat investigations (range phase).
Montana Fish and Game Department. P-R Job Compl. Rept. Proj.
W-98-R-2, Job B-9. (multilith).

Saunders, J. K. 1954. A two-year investigation of the food habits and
range use of the Rocky Mountain goat in the Crazy Mountains,
Montana. Unpubl. M.S. Thesis. Montana State College. Bozeman.
22 pp.

Saunders, J. K. 1955. Food habits and range use of the Rocky Mountain
goat in the Crazy Mountains, Montana. J. Wildlife Mgmt., 19(4):
429-437.

Thompson, K. 1952. New horizons for goats. Montana Wildlife. Summer.

SEE ALSO:

BIG GAME: Anonymous, 1942; Various authors, 1955-66; and others.

FURBEARERS

Anonymous. 1935. Fur bearing animals are rich Montana resource.
Montana Fish and Game Comm. 1934-35 Biennial Report. : 43-44.

Freeman, W. G. and M. Rognrud. 1962-64. Analysis of the annual fur take.
Montana Fish and Game Department., P-R Job Compl. Repts. Projs.
W-71-R-7, 8 and 9 through W-77-R-7, 8 and 9. Jobs D-1 and D-2.
(multilith).

Newby, F. E. 1956. Fur production in Montana. Montana Wildlife. Spring.

Newby, F. E. 1957. Montana's 1955-56 fur harvest. Montana Wildlife.
February.

Newby, F. E. 1958. Post cards and pelts. Montana Wildlife. April.

Stone, M. 1960. From traps to pocketbooks. Montana Fish and Game
Department. Info. Bulletin.

Thompson, W. 1946. Investigation of fur bearing animals in the Flathead
game management unit. Montana Fish and Game Department. P-R (final)
Report. 79 pp.

SEE ALSO:

PARASITES AND DISEASES: Bell, et. al., 1962 and Parker, et.al., 1951.

BEAVER

- Anonymous. 1946. Trapping and transplanting beaver. Montana Fish and Game Comm. 1945-1946 Biennial Report.
- Aldous, M. C. 1955. A tool for beaver dam removal. J. Wildl. Mgmt., 19(1): 1953-154.
- Atwater, M. M. 1939. South Fork (Montana) beaver survey. J. of Wildl. Mgmt. 4(1): 100-103.
- Lambeth, R. H. 1953. New beaver law provides for open season. Montana Wildlife. Winter.
- Mitchell, J. L. 1958. Beaver age and sex ratios. Montana Fish and Game Department Compl. Rept. Proj. W-49-R-7: 16-36.
- Newby, F. E. 1955. Beaver ecology in the Jefferson Basin - Fur resources survey and investigation. Montana Fish and Game Department, P-R Job Compl. Rept. Proj. W-49-R-4. VI (2).
- Ruff, R. L. 1961. Beaver population study. Montana Fish and Game Department. P-R Job Compl. Rept. Proj. W-49-R-11, Job No. II-B, Segment 1.
- Townsend, J. E. 1952. A study in beaver ecology in Western Montana with special reference to movements. Unpubl. M.S. Thesis. Montana State College, Bozeman. 44 pp.
- Townsend, J. E. 1953. Survey of beaver distribution and status in the Jefferson Basin. Montana Fish and Game Department, P-R Quarterly Report. October-December: 62-68.
- Townsend, J. E. 1953. Beaver ecology in western Montana with special reference to movements. J. Mamm., 34(4): 459-479.
- Trueblood, R. W. 1964-65. Beaver population and distribution trends - Aerial survey. Montana Fish and Game Department. P-R Job Compl. Repts. Proj. W-76-R-10,11, Job D-2. (multilith).

SEE ALSO:

WATERFOWL: Cassagrande, 1955.

FISHER

- Hawley, V. D. 1960. Fisher are returned to Montana forests. Montana Wildlife. July.

PINE MARTEN

- Hawley, V. D. 1955. Ecology of the marten in Glacier National Park. Unpubl. M.S. Thesis, University of Montana, Missoula. 131 pp.
- Hawley, V. D. and F. E. Newby. 1957. Marten home ranges and population fluctuations. J. Mamm. 38(2): 174-184.
- Hawley, V. D. 1959. Marten Ecology. Montana Fish and Game Department P-R Compl. Rept., Proj. W-49-R-7: 68-73.
- Hawley, V. D. 1959. Marten population studies. Montana Fish and Game Department P-R Job Compl. Rept. Proj. W-49-R-8: 43-55.
- Jonkel, C. J. 1959. An ecological and physiological study of pine marten. Unpubl. M.S. Thesis, University of Montana, Missoula. 81 pp.
- Jonkel, C. J., and R. P. Weckwerth. 1963. Sexual maturity and implantation of blastocysts in the wild pine marten. J. Wildl. Mgmt. 27: 93-98.
- Newby, F. E. 1952. Marten in Montana. Montana Wildlife. Autumn.
- Newby, F. E. and V. D. Hawley. 1953. Progress on a marten live-trapping study. Trans. N. Am. Wildl. Conf. 19: 452-462.
- Newby, F. E. 1955. Marten ecology. Montana Fish and Game Department P-R Job Compl. Rept. Proj. W-49-R-4. VI(1 and 2).
- Newby, F. E., R. Weckwerth, and V. Hawley. 1956. Marten ecology. Montana Fish and Game Department P-R Job Compl. Rept. Proj. W-49-R-5, Job II-I.
- Newby, F. E. 1958. Marten population status. Montana Fish and Game Department P-R Job Compl. Rept. Proj. W-49-R-7: 56-67.
- Weckwerth, R. P. 1957. The relationship between the marten population and the abundance of small mammals in Glacier National Park. Unpubl. M.S. Thesis, University of Montana, Missoula. 76 pp.
- Weckwerth, R. P. and V. D. Hawley. 1962. Marten food habits and population fluctuations in Montana. J. Wildl. Mgmt. 26(1): 55-74.

MINK

- Greer, K. R. 1955. Mink age and sex ratios. Montana Fish and Game Department. P-R Quarterly Report, April-June: 148-170.
- Lechleitner, R. R. 1953. An analysis of some age criteria in a domestic and a wild population of mink (Mustela vison). Unpubl. M.A. Thesis University of Montana, Missoula, 60 pp.

- Mitchell, J. L. 1957. A study of mink movements and populations of the Lower Madison River, Montana. Unpubl. M.S. Thesis. Montana State College, Bozeman. 19 pp.
- Mitchell, J. L. 1958. Mink age and sex ratios. Montana Fish and Game Department. P-R Job Compl. Rept. Proj. W-49-R-7: 8-15.
- Mitchell, J. L. 1961. Mink movements and populations on a Montana River. J. Wildl. Mgmt. 25(1): 48-54.

MUSKRAT

- Fliger, R. 1963. Montana's muskrats. Montana Wildlife. April.

OTTER

- Greer, K. R. 1953. Yearly food habits of the river otter in the Thompson Lakes region, northwestern Montana, as indicated by scat analyses. Unpubl. M.S. Thesis. Montana State College, Bozeman. 30 pp.
- Greer, K. R. 1955. Yearly food habits of the river otter in the Thompson Lakes region, northwestern Montana, as indicated by scat analysis. Am. Mid. Nat., 54(2): 292-313.
- Greer, K. R. 1955. The otter's diet - Good or Bad? Montana Wildlife. Fall.
- Greer, K. R. 1956. A study of the otter's food habits along a segment of the Gallatin River. Montana Fish and Game Department. P-R Job Compl. Rept.
- Newby, F. E. 1956. A study of the otter's food habits along a segment of the Gallatin River. Montana Fish and Game Department. P-R Job Compl. Rept. Proj. W-49-R-6, Job II-K.
- Sherman, G. 1951. Clown of the inland waters. Sporting Montana. Spring.

RABBITS AND HARES

- Adams, L. 1959. An anlysis of a population of snowshoe hares in northwestern Montana. Ecol. Monog., 29: 141-170.

SEE ALSO:

PARASITES AND DISEASE: Jellison and Parker, 1945 and Jellison, 1945, '47, '50.

BIRDS (GENERAL)

- Bahus, G. J. 1957. The life history of the dipper on Rattlesnake Creek. Unpubl. M.S. Thesis. University of Montana, Missoula. 119 pp. (mimeo).
- Bergeson, W. R. and R. J. Greene. 1948. Experimental poisoning of magpies. Montana Fish and Game Department. P-R Quarterly Report. January-March: 154-161.
- Brown, R. L. 1957. The population ecology of the magpie in western Montana. Unpubl. M.S. Thesis, University of Montana, Missoula. 53 pp.
- Brown, R. L. 1959. Magpie ups and down. Montana Wildlife. February.
- Cameron, E. S. 1907. The birds of Custer and Dawson Counties, Montana. The Auk, Vol. 24.
- Craighead, F. C. and J. J. Craighead. 1965. The falcons. In National Geographic Society's WATER, PREY, AND GAME BIRDS OF NORTH AMERICA, R. R. Donnelley and Sons, Chicago. pp. 252-263.
- Davis, C. 1963. Birds of Montana. Montana Wildlife. August: 23-27.
- Delap, D. 1962. Breeding land and birds of the Little Rocky Mountains in northcentral Montana. Proc. Mont. Acad. Sci. 21: 38-42.
- Delap, D and F. Feist. 1963. Summer birds seen and heard in the Highwood Mountains. Proc. Mont. Acad. Sci. 23: 138-143.
- Hoffman, R. S., R. L. Hand and P. L. Wright. 1959. Recent bird records from western Montana. Condor, 61: 147-151.
- Hoffman, R. S. and R. L. Hand. 1962. Additional notes on Montana birds. Murrelet. 43: 29-35.
- Johns, J. E. 1965. Experiments in hormonal control of sex reversal in Phalaropes. Unpubl. Ph.D. Thesis, University of Montana, Missoula.
- McAtee, W. L. 1936. Fruits attractive to birds - Rocky Mountain states (Montana, Wyoming, Colorado). U.S.D.A. Wildl. Res. and Mgmt. Leaflet BS-42. (Multilith). 12 pp.
- Mills, H. B. 1945. Some Montana birds: Their relationships to insects and rodents. Mont. Agr. Expt. Sta. Bull. 229.
- O'Halloran, P. L. 1961. Dynamics of a reduced magpie population. Unpubl. M.S. Thesis, University of Montana, Missoula. 78 pp.
- Rothweiler, R. A. 1960. Food habits, movements and nesting of gulls on a waterfowl area, Freezeout Lake, Teton County, Montana. Unpubl. M.S. Thesis. Montana State College, Bozeman. 29 pp.

Saunders, A. A. 1921. A distributional list of the birds of Montana. Pacific coast avifauna No. 14. Cooper Ornithological Club, Berkley, California.

Verbeck, N. A. M. 1965. Breeding biology, behavior and ecology of the water pipit (Anthus spinoletta). Unpubl. M.S. Thesis, University of Montana, Missoula.

Weydemeyer, W., K. D. Swan, and E. F. Rapraeger. 1937. List of birds of western Montana. U.S. Forest Service. Field Notes on Wildlife. 14 pp. (multilith).

Woodgerd, W. 1952. Food habits of the Golden Eagle. J. Wildl. Mgmt., 16(4): 457-459.

DOVES AND PIGEONS

Anonymous. 1961. The mourning dove as a game bird. Montana Wildlife. January.

GAME BIRDS (GENERAL)

Anonymous. 1818. Propagating game birds - individual cooperations. Montana Fish and Game Comm. 1917-18 Biennial Report: 37.

Anonymous. 1959. Upland game birds. Montana Wildlife. November: 18-20.

Bergeson, W. R. 1953. Four upland game birds of Montana. Montana Wildlife. Fall.

Cooney, R. F. 1937. Our upland game birds. U.S. Forest Service, Field Notes on Wildlife. 5 pp. (multilith).

Craighead, J. J. and D. S. Stockstad. 1956. A colored neckband for marking birds. J. Wildl. Mgmt. 20(3): 331-332.

Everin, W. 1959. A basis for upland game bird management. Montana Wildlife. November.

Hamerstrom, F. N. and F. Hamerstrom. 1963. The symposium in review. J. Wildl. Mgmt. 27(4): 869-887.

Henricks, J. F. 1935. Bird hunting in Montana entering new era. Montana Fish and Game Comm. 1934-35 Biennial Report: 45-48.

Janson, R. G. 1957. Game bird inventory methods. Montana Wildlife. June.

Kopland, D. V., A. H. Post, and R. E. Stitt. 1954. Irrigated pasture investigations, Huntley Branch Station. Montana State College. Agr. Expt. Sta. Bull. No. 496.

Rocesseau, J. 1943. A dropping analysis of gallinaceous birds in Montana. Unpubl. M.S. Thesis. Montana State College, Bozeman.

Various Authors. 1961-66. Small game research-project services. Montana Fish and Game Department. P-R Compl. Repts. Proj. W-91-R, Job 1-B. (Contains upland game bird harvest data).

NATIVE GAME BIRDS

Anonymous. 1942. Recent studies on upland game birds of Montana.- With special emphasis on native species. Montana Fish and Game Department Special Report. 45 pp.

Aldrich, J. W. 1963. Geographic orientation of American tetraonidae. J. Wildl. Mgmt. 27: 528-545.

Hiatt, R. W. 1942. Recent summer studies on native game birds in eastern Montana. Proc. Mont. Acad. Sci., 3: 21-22.

Mitchell, J. 1965. Prairie grouse. Montana Fish and Game Comm. Rept. Montana Wildlife Federation News 5(4): 3. April.

Various Authors: 1955-66. Native upland game bird surveys and investigations. Job Compl. Repts. Proj. W-71-R-1 through 11, Job B-2. Montana Fish and Game Department. (multilith).

Various Authors: 1955-66. Native upland game bird surveys and investigations. P-R Job Compl. Repts. Proj. W-72-R-1 through 11, Job B-2. Montana Fish and Game Department. (multilith).

Various Authors: 1955-66. Native upland game bird surveys and investigations. Job Compl. Rept. Proj. W-73-R-1 through 11, Job B-2. Montana Fish and Game Department. (multilith).

Various Authors: 1955-66. Native upland game bird surveys and investigations. Job Compl. Repts. Proj. W-74-R-1 through 11, Job B-2. Montana Fish and Game Department. (multilith).

Various Authors: 1955-66. Native upland game bird survey-District. Job Compl. Repts. W-75-R-1 through 11. Job B-2. Montana Fish and Game Department.

Various Authors: 1955-66. District native upland game bird surveys and investigations. P-R Job Compl. Repts. Proj. W-76-R-1 through 11, Job B-2. Montana Fish and Game Department. (multilith).

Various Authors: 1955-66. District native upland game bird surveys and investigations. P-R Job Compl. Repts. Proj. W-77-R-1 through 11, Job B-2. Montana Fish and Game Department. (multilith).

Wright, P. L. 1942. Recent summer studies on native upland game birds in western Montana. Proc. Mont. Acad. Sci., 3: 19-20.

Wright, P. L. and R. W. Hiatt. 1943. Outer primaries as age determiners in gallinaceous birds. Auk, 60: 265-266.

BLUE GROUSE

- Anonymous. 1959. Blue grouse. Montana Wildlife. November.
- Blackford, J. L. 1958. Territoriality and breeding behavior of a population of blue grouse in Montana. Condor, 60: 145-158.
- Blackford, J. L. 1963. Further observations on the breeding behavior of a blue grouse population in Montana. Condor, 65(6): 485-513.
- Hartkorn, F. L. 1957. Montana Blue Grouse. Montana Wildlife. June.
- Mussehl, T. W. 1958. Blue grouse production, movements and population in the Bridger Mountains, Montana. Unpubl. M.S. Thesis. Montana State College, Bozeman. 33 pp.
- Mussehl, T. W. 1960. Blue grouse production, movements and populations in the Bridger Mountains, Montana. J. Wildl. Mgmt., 24(1): 60-68.
- Mussehl, T. W. 1961-64. Blue grouse population and life history studies. Montana Fish and Game Department P-R Job Compl. Repts. Proj. W-91-R, Job II-C. (multilith).
- Mussehl, T. W. 1961-66. Effect of land-use practices on blue grouse. Montana Fish and Game Department P-R Job Compl. Repts., Proj. W-91-R-3-9. Job II-D.
- Mussehl, T. W. 1963. Blue grouse brood cover selection and land-use implications. 27(4): 547-555.
- Mussehl, T. W. and T. H. Leik. 1963. Sexing wings of adult blue grouse. J. Wildl. Mgmt. 27:102-106.
- Rogers, G. E. 1963. Blue grouse census and harvest in the United States and Canada. J. Wildl. Mgmt. 27(4): 579-585.
- Skinner, M. P. 1927. Richardson's grouse in Yellowstone National Park. Wilson's Bull. 39: 208-214.

SEE ALSO:

GAME BIRDS GENERAL: Various authors, 1961-66; and others.

NATIVE GAME BIRDS: Various authors, 1955-66; and others.

EFFECTS OF CHEMICALS: Finley, 1965; Hoffman, 1957-58; and Mussehl, 1965-66.

RUFFED GROUSE

Anonymous. 1959. Ruffed grouse. Montana Wildlife. November.

SEE ALSO:

GAME BIRDS: Various authors, 1961-66; and others.

NATIVE GAME BIRDS: Various authors, 1955-66; and others.

SAGE GROUSE

Anonymous. 1959. Sage grouse. Montana Wildlife. November.

Anonymous. 1961. Sagebrush sleuths. Montana Wildlife. July.

Anonymous. 1963. Sheep Creek sage grouse. Montana Wildlife. August:
20-22.

Eng, R. L. 1952. Sage grouse population trends and breeding potential. Montana Fish and Game Department, P-R Quarterly Reports. 3(1): 61-64. 3(2): 100-103. 3(3): 44-49. 3(4): 56-62. 4(4): 31-33. 5(1): 19-27. 5(1): 28-35.

Eng, R. L. 1953. The sage grouse season. Montana Wildlife. Winter.

Eng, R. L. 1954. Use of aerial coverage in sage grouse strutting ground counts. Proc. Ann. Conf. West. Assoc. State Game and Fish Comm. 34: 231-233.

Eng, R. L. 1955. Wings for grouse management. Montana Wildlife. Summer.

Eng, R. L. 1955. Method for obtaining sage grouse age and sex ratios from wings. J. Wildl. Mgmt. 19(2): 267-272.

Eng, R. L. 1956. Sage grouse production and movement study. Montana Fish and Game Department. P-R Job Compl. Rept. Proj. W-74-R-1, Job B-31.

Eng, R. L. 1959-1964. Factors affecting, sage grouse production. Montana Fish and Game Department, P-R Compl. Repts. Proj. W-91-R-1 through 6. Job II-A.

Eng, R. L. 1961. Sage grouse - spring strutting activity. Naturalist 2(2): 15-20.

Eng, R. L. 1963. Observations on the breeding biology of male sage grouse. J. Wildl. Mgmt. 27(4): 841-846.

Eng, R. L. 1963. Western states sage grouse questionnaire. Montana Fish and Game Department. VIII. 15 pp.

SEE ALSO:

GAME BIRDS: Various authors, 1961-66; and others.

NATIVE GAME BIRDS: Various authors, 1955-66; and others.

PARASITES AND DISEASE: Cox, et. al. 1941.

EFFECTS OF CHEMICALS: Martin, 1965; and Quimby, 1966.

SHARP-TAIL GROUSE

Anonymous. 1959. Sharp-tail grouse. Montana Wildlife. November.

Anonymous. 1964. Tattletale transmitters. Montana Wildlife. Spring.

Brown, R. L. 1959-1965. Effects of land-use practices on sharp-tailed grouse. Montana Fish and Game Department, P-R Job Compl. Repts., Proj. W-91-R-1 through 9. Job II-F.

Brown, R. L. 1960-66. Sharp-tailed grouse population study. Montana Fish and Game Department. P-R Job Compl. Repts. Proj. W-91-R-1 through 9. Job II-E.

Brown, R. L. 1965. Techniques developed and employed in a study of female sharp-tail grouse ecology in Montana during 1963, '64 and '65. 4th Biennial Meeting West. States Sage Grouse Committee, Walden, Colo. 4 pp. (mimeo).

Brown, R. L. 1966. Response of sharp-tail breeding populations to annual changes in residual grassland cover. 46th Conf. West Assoc. State Game and Fish Comm.

Eng, R. L. 1952. Range and distribution of prairie grouse species (sharp-tailed). Montana Fish and Game Department P-R Quarterly Report. April-June: 95-99.

SEE ALSO:

GAME BIRDS: Various authors, 1961-66; and others.

NATIVE GAME BIRDS: Various authors, 1955-66; and others.

PARASITES AND DISEASE: Cox, et. al., 1941.

EFFECTS OF CHEMICALS: McEwen and Brown, 1966.

SPRUCE GROUSE

Anonymous. 1959. Franklin grouse. Montana Wildlife. November.

Jonkel, C. J., and K. R. Greer. 1963. Fall food habits of spruce grouse in northwest Montana. J. Wildl. Mgmt. 27(4): 593-596.

Lumsden, H. G., and R. B. Weeden. 1963. Notes on the harvest of spruce grouse. J. Wildl. Mgmt. 27(4): 587-591.

SEE ALSO:

GAME BIRDS: Various authors, 1961-66; and others.

NATIVE GAME BIRDS: Various authors, 1965-66; and others.

PTARMIGAN

Choate, T. S. 1960. Notes on the morphology of white-tailed ptarmigan in Glacier National Park, Montana. Proc. Mont. Acad. Sci. 20: 27-33.

Choate, T. S. 1960. Observations on the reproductive activities of white-tailed ptarmigan (Lagopus lencurus) in Glacier Park, Montana. Unpubl. M.S. Thesis, University of Montana, Missoula. 120 pp.

Choate, T. S. 1963. Ecology and population dynamics of white-tailed ptarmigan in Glacier National Park. Unpubl. Ph.D. Thesis, University of Montana, Missoula.

Choate, T. S. 1963. Habitat and population dynamics of white-tailed ptarmigan in Montana. J. Wildl. Mgmt. 27(4): 684-699.

SEE ALSO:

GAME BIRDS:

NATIVE GAME BIRDS:

INTRODUCED GAME BIRDS

Anonymous. 1818. Distribution of quail and pheasants. Montana Fish and Game Comm. 1917-18 Biennial Report: 39.

Marlow, T. N. 1922. Game bird distribution and propagation. Montana Fish and Game Comm. 1921-22 Biennial Report: 9-13.

Various Authors. 1955-66. Exotic upland game birds surveys and investigations. Montana Fish and Game Department. P-R Job Compl. Rpts. Proj. W-71-R-1 through 11, Job B-1. (multilith).

Various Authors. 1955-66. Exotic upland game bird surveys - Districts. Montana Fish and Game Department. P-R Job Compl. Rpts. Proj. W-72-R-1 through 11. Job B-1. (multilith).

Various Authors. 1955-66. Exotic upland game bird surveys and investigations. Montana Fish and Game Department. P-R Job Compl. Repts. Proj. W-73-R-1 through 11. Job B-1. (multilith).

Various Authors. 1955-66. Exotic upland game bird surveys and investigations. Montana Fish and Game Department. P-R Job Compl. Repts. Proj. W-74-R-1 through 11. Job B-1. (multilith).

Various Authors. 1955-1966. District exotic upland game bird survey and investigations. Montana Fish and Game Department P-R Job Compl. Repts. Proj. W-75-R-1 through 11. Job B-1. (multilith).

Various Authors. 1955-66. District exotic upland game bird survey and investigations. Montana Fish and Game Department P-R Job Compl. Repts. Proj. W-76-R-1 through 11, Job B-1. (multilith).

Various Authors. 1955-66. District exotic upland game bird surveys and investigations. Montana Fish and Game Department. P-R Job Compl. Repts. Proj. W-77-R-1 through 11, Job B-1. (multilith).

CHUKAR

Anonymous. 1951. The chukar in Montana. Sporting Montana. Winter: 15.

Anonymous. 1959. Chukar partridge. Montana Wildlife. November.

Bergeson, W. R. 1952. Survival of chukar partridge releases. Montana Fish and Game Department. P-R Quarterly Report. April-June: 104-113.

Jonkel, G. M. 1954. A comparative study of survival of all and spring-released chukar partridges. Unpubl. M.S. Thesis, University of Montana, Missoula. 70 pp.

SEE ALSO:

GAME BIRDS: Various authors, 1961-66; and others.

INTRO. GAME BIRDS: Various authors, 1955-66; and others.

HUNGARIAN (GRAY) PARTRIDGE

Anonymous. 1923. Montana introduces Hungarian partridge. California Fish and Game. 9: 75-76.

Anonymous. 1959. Hungarian partridge. Montana Wildlife. November.

SEE ALSO:

GAME BIRDS: Various authors, 1961-66; and others.

INTRO. GAME BIRDS: Various authors, 1955-66; and others.

MERRIAM'S TURKEY

Anonymous. 1959. Merriam's wild turkey. Montana Wildlife. November.

Bergeson, W. R. 1954. Turkey talk. Montana Wildlife. Fall.

Egan, J. L. 1958. Merriam's turkey investigations. Montana Fish and Game Department, P-R Job Compl. Rept., Proj. W-77-R-4. 8 pp. (multilith).

Eng, R. L. 1959. Status of turkey in Montana. Proc. 1st Nat. Wild Turkey Mgmt. Symposium, : 19-20.

Eng, R. L. 1961. Ecology of Merriam's turkey. Montana Fish and Game Department, P-R Job Compl. Rept. Proj. W-91-R-3, Job II-B.

Jonas, R. 1962-64. Population dynamics and ecology of Merriam's turkey. Montana Fish and Game Department, P-R Job Compl. Rept. Proj. W-91-R-4, 5, and 6. Job II-B.

Jonas, R. 1964. Ecology and management of Merriam's turkey in the Long Pines, southeastern Montana. Unpubl. Ph.D. Thesis, Montana State College, Bozeman. 118 pp.

Jonas, R. 1966. Merriam's Turkeys in southeastern Montana. Montana Fish and Game Department, Tech. Bull. No. 3. 36 pp.

Rose, B. J. 1956. An evaluation of two introductions of Merriam's wild turkey into Montana. Unpubl. M.S. Thesis. Montana State College, Bozeman. 37 pp.

Rose, B. J. 1958. A turkey season in Montana. Montana Wildlife. Jan.

Woodgerd, W. W. 1959. Long live the king. Montana Wildlife. February.

SEE ALSO:

GAME BIRDS: Various authors, 1961-66; and others.

INTRO. GAME BIRDS: Various authors, 1955-66; and others.

QUAIL

Hartkorn, F. 1952. Survival of valley quail released in the Moiese Valley, Montana. Montana Fish and Game Department, P-R Quarterly Report, January-March: 65-67.

SEE ALSO:

INTRODUCED GAME BIRDS: Anonymous, 1918.

RING-NECKED PHEASANT

Anonymous. 1946. Trapping and transplanting ring-necked pheasants. Montana Fish and Game Comm. 1945-46 Biennial Report.

Anonymous. 1950. Pheasant harvest findings. Montana Fish and Game Department. P-R Quarterly Report, January-March: 72-77.

Anonymous. 1959. Ring-necked pheasant. Montana Wildlife. November.

Anonymous. 1962. Hunting the hen. Montana Wildlife. January.

Arnold, D. A. 1958. The fox and the pheasant. Montana Wildlife. April.

Atwell, G. 1959. An evaluation of magpie predation on the ring-necked pheasant. Unpubl. M.S. Thesis, University of Montana, Missoula. 74 pp.

Baldwin, W. D. 1918. Breeding the pheasant. Montana Fish and Game Comm. 1917-18 Biennial Report: 71-75.

Bergeson, W. R. 1950. Band returns from game farms pheasants in Montana. Montana Fish and Game Department, P-R Quarterly Report, January-March: 191-205.

Bergeson, W. R. 1952. Pheasant propagation in Montana. Montana Wildlife. Summer.

Buss, I. O., and F. Hartkorn. 1948. Pheasants and range conditions - western Montana, 1948. Montana Fish and Game Department Special Report. 6 pp. (mimeo).

Craighead, J. J. and M. G. Hornocker. 1962. A comparison of methods for obtaining mortality records of ring-necked pheasants. J. Wildl. Mgmt., 26(2): 224-226.

Greene, R. J. and F. L. Hartkorn. 1947. Preliminary findings on pheasant banding and releasing in the Fairfield area. Montana Fish and Game Department. P-R Quarterly Report. July-September.

- Greene, R. J. 1948. Pheasant nest predation by magpies. Montana Fish and Game Department. P-R Quarterly Report. October-December: 171-179.
- Greene, R. J. 1948. Survival studies on game farm raised pheasant in Montana. Montana Fish and Game Department. P-R Quarterly Report, April-June: 329-343.
- Hartkorn, F. L. and R. Greene. 1947. Preliminary findings on Chinese pheasant banding and releasing on the Moiese Game Bird Farm. Montana Fish and Game Department. P-R Quarterly Report. July-September.
- Hartkorn, F. L. 1947. Preliminary ring-neck pheasant productivity check over Montana. Montana Fish and Game Department. P-R Quarterly Report, July-September.
- Hartkorn, F. L. 1949. A study of Chinese pheasant feeding stations - Flathead County. Montana Fish and Game Department. P-R Quarterly Report. April-June: 1-16.
- Hartkorn, F. L. 1950. Spring-released hen pheasant investigation. Montana Fish and Game Department. P-R Quarterly Report, January-March: 206-212.
- Hartkorn, F. L. 1951. Survival of game farm pheasants released in the Bitterroot Valley. Montana Fish and Game Department. P-R Quarterly Report, January-March: 67-71.
- Hartkorn, F. L. 1951. Effect of land use on pheasant production. Montana Fish and Game Department. P-R Quarterly Report. 2(4): 38-40.
- Hartkorn, F. L. and W. W. Woodgerd. 1951. Effect of land use on pheasant production. Montana Fish and Game Department. P-R Quarterly Report, October-December: 38-40.
- Hartkorn, F. L., W. W. Woodgerd, and W. Bergeson. 1953. Survival of game farm reared pheasants. Montana Fish and Game Department. P-R Quarterly Report, January-March: 102-110.
- Hiatt, R. W. 1946. The relation of pheasants to agriculture in the Yellowstone and Bighorn River valleys of Montana. - A summary of the final report. Montana Fish and Game Department Information leaflet. 8 pp. illus.
- Hiatt, R. W. 1947. The relation of pheasants to agriculture in the Yellowstone and Bighorn River valleys of Montana. Montana Fish and Game Comm. 72 pp.
- Roby, E. F. 1950. A two-year study of pheasant stocking in the Gallatin Valley, Montana. Unpubl. M.S. Thesis, Montana State College, Bozeman.

- Roby, E. F. 1951. A two-year study of pheasant stocking in the Gallatin Valley, Montana. J. Wildl. Mgmt., 15(3): 299-307.
- Ruff, R. L. 1963. A study of the predatory effects of a reduced magpie population on the ring-necked pheasant. Unpubl. M.S. Thesis, University of Montana, Missoula.
- Smith, T. 1964. The crumbling pedestal. Montana Fish and Game Comm. Report. Montana Wildlife Federation News, 4(11): 3. November.
- Woodgerd, W. R. 1952. A study of plant development coincident with some phases of ring-necked pheasant breeding behavior. Unpubl. M.S. Thesis, University of Montana, Missoula. 64 pp.
- Zapatka, T. P. 1963. Some results of two limited hunting seasons on hen pheasants in northcentral Montana. Unpubl. M.S. Thesis. Montana State College, Bozeman. 26 pp.

SEE ALSO:

GAME BIRDS: Various authors, 1961-66; and others.

INTRO. GAME BIRDS: Anonymous, 1918; Meadow, 1922; and various authors, 1955-66.

EFFECTS OF CHEMICALS: Eng, 1952.

WATERFOWL

- Anonymous. 1955. A marshland in the making. Montana Wildlife. Summer.
- Berg, P. F. 1955. A study of waterfowl broods in eastern Montana with special reference to movements and the relationship of reservoir fencing to production. Unpubl. M.S. Thesis, Montana State College, Bozeman.
- Berg, P. F. 1956. A study of waterfowl broods in eastern Montana with special reference to movements and the relationship of reservoir fencing to production. J. Wildl. Mgmt., 20(3): 253-262.
- Braum, C. E. 1965. A survey of the land values directly attributed to waterfowl within the contiguous United States. Unpubl. M.S. Thesis University of Montana, Missoula. 132 pp. (mimeo).
- Casagrande, L. G. 1955. A study of beaver-waterfowl relations in the mountainous area of Beaverhead County, Montana. Unpubl. M.S. Thesis. Montana State College. Bozeman. 33 pp.

- Ellig, L. J. 1953. Waterfowl relationships to Greenfields Lake, Teton County, Montana. Unpubl. M.S. Thesis, Montana State College, Bozeman.
- Ellig, L. J. 1955. Waterfowl relationships to Greenfields Lake, Teton County, Montana. Montana Fish and Game Department Tech. Bull. No.1 35 pp.
- Freeman, W. G. and G. Salinas. 1951. The 1950 waterfowl harvest in Montana. Montana Fish and Game Department. P-R Quarterly Report, January-March: 78-94.
- Freeman, W. G. 1951. The waterfowl hunting season in Montana. Sporting Montana. Winter: 10.
- Freeman, W. G. 1953. Flyways: Bird Highways. Montana Wildlife. Winter.
- Griffith, R. 1948. Improving waterfowl habitat. Trans. N. Am. Wildl. Conf., 13: 609-618.
- Holmes, J. C. and W. C. Rhodes. 1953. Study of census methods and biology of waterfowl in Flathead County. Montana Fish and Game Department. P-R Quarterly Report. July-September: 36-66.
- Knight, R. R. 1960. Vegetative characteristics of two water areas in Teton County, Montana, in relation to waterfowl usage. Unpubl. M.S. Thesis, Montana State College, Bozeman. 38 pp.
- Knight, R. R. 1965. Vegetative characteristics and waterfowl usage of a Montana water area. J. Wildl. Mgmt., 29(4): 782-788.
- Mushback, G. E. 1926. Montana's migratory birds. Montana Fish and Game Comm. 1925-26 Biennial Report: 27-30.
- Salinas, G. J. and R. W. Trueblood. 1954. Outlet for Freezout. Montana Wildlife. Fall.
- Smith, R. 1951. Winter banding and experimental marking of waterfowl for field identification. Montana Fish and Game Department. P-R Quarterly Report. January-March: 95-104.
- Smith, R. H. 1952. A study of waterfowl production on artificial reservoirs in eastern Montana. Unpubl. M.S. Thesis. Montana State College, Bozeman. 43 pp.
- Smith, R. H. 1953. A study of waterfowl production on artificial reservoirs in eastern Montana. J. Wildl. Mgmt., 17(3): 276-291.
- Stone, M. and D. Miller. 1965. Waterfowl -- their needs and management. Montana Fish and Game Comm. Report, Montana Wildlife Federation News, 5(12): 3. December.
- Witt, D. 1963-65. Waterfowl breeding ground survey. Montana Fish and Game Department. P-R Job Compl. Reports. Proj. W-71-R through W-77-R, Job C-1.

- Witt, D. 1963-65. Waterfowl harvest survey. Montana Fish and Game Department. P-R. Job Compl. Repts., Proj. W-71-R through W-77-R, Job C-1.
- Witt, D. 1964-65. Waterfowl band analysis. Montana Fish and Game Department. P-R Compl. Repts, Proj. W-71-R through W-77-R, Job C-1 Segment, II-A.
- Various Authors. 1955-62. Waterfowl breeding ground survey. Montana Fish and Game Department. P-R Job Compl. Repts, Proj. W-71-R-1 through 11 through W-77-R-1 through 11, Job C-1. (multilith).

DUCKS

- Freeman, W. G. 1952. Those south-of-the-Border Ducks. Montana Wildlife. Summer.
- Girard, G. L. 1939. Notes on life history of the Shoveler. Trans. N. Am. Wildl. Conf., 4: 364-371.
- Girard, G. L. 1941. The Mallard: Its management in western Montana. J. Wildl. Mgmt. 5(3): 233-259.
- Lokemoen, J. S. 1962. The productivity of the red-head (Aythya americana) in the Flathead Valley. Unpubl. M.S. Thesis, University of Montana, Missoula.
- Poole, D. A. 1952. A study of the toxic potentials of duck botulism in artificially flooded areas. Unpubl. M.S. Thesis, University of Montana, Missoula. 89 pp.

SEE ALSO:

WATERFOWL (GENERAL):

PREDATORS AND PREDATION: Sharp, 1951.

PARASITES AND DISEASES: Bell, et. al., 1955.

GEESE

- Atwater, M. G. 1958. A two-year study of reneating in Canada geese (Branta canadensis) in Phillips County, Montana. Unpubl. M.S. Thesis Montana State College, Bozeman. 23 pp.
- Atwater, M. G. 1959. A study of reneating in Canada geese in Montana. J. Wildl. Mgmt., 23(1): 91-97.

- Barracclough, Mary.E. 1954. Biology of Canada geese (Branta canadensis moffitti) in the Flathead Valley of Montana. Unpubl. M.S. Thesis University of Montana, Missoula. 91 pp.
- Bayless, S. R. 1963. Montana's geese and their management. Montana Wildlife Federation News. August.
- Craighead, J. J. and D. S. Stockstad. 1956. Measuring hunting pressure on Canada geese in the Flathead Valley. Trans. N. Am. Wildl. Conf., 21: 210-238.
- Craighead, J. J. and D. S. Stockstad. 1958. Goslings descend from aerial nest. J. Wildl. Mgmt., 22(2): 206-207.
- Craighead, J. J. and D. S. Stockstad. 1961. Evaluating the use of aerial nesting platforms by Canada geese. J. Wildl. Mgmt., 25(4), 363-372.
- Craighead, J. J. and D. S. Stockstad. 1964. Breeding age of Canada geese. J. Wildl. Mgmt., 28(1): 57-64.
- Geis, Mary B. 1955. Honker's winter haunt. Montana Wildlife. Winter.
- Geis, Mary B. 1956. Productivity of Canada geese in the Flathead Valley, Montana. J. Wildl. Mgmt., 20(4): 409-419.
- Stockstad, D. S. 1963. Canada goose investigation. Montana Fish and Game Department. P-R Job Compl. Rept. Proj. W-71-R.
- Townsend, J. E. 1959. Goose banding. Montana Fish and Game Department. P-R. Job Compl. Rept., Proj. W-
- Witt, D. and L. Williamson. 1956. A production study of Canada geese on Nelson Reservoir, Phillips County, Montana. Montana Fish and Game Department. P-R Quarterly Report, July-September: 11-30.

SEE ALSO:

WATERFOWL (GENERAL):

SWANS

- Banko, W. E. 1953. No swan song for the trumpeter. Montana Wildlife. Spring: 10-12.
- Banko, W. E. 1960. The trumpeter swan - its history, habits and population in the United States. N. A. Fauna, No. 63. April, 1960.

Hull, A. V. 1939. Trumpeter swans -- Their management and preservation. Trans. N. Am. Wildl. Conf., 4: 378-382.

SEE ALSO:

PREDATORS AND PREDATION: Sharp, 1951.

PREDATORS AND PREDATION

Anonymous. 1924. Predatory birds and annual drives. Montana Fish and Game Comm. 1923-24 Biennial Report: 19.

Britton, M. R. 1953. A note concerning wolves in Glacier National Park, Montana. J. Mamm. 34: 127-129.

Brown, R. L. 1959. Predator and Wildlife damage surveys. Montana Fish and Game Department, P-R Job Compl. Rept., Proj. W-49-R-8: 65-76.

Brown, R. L. 1960. Study of predator ecology in Sun River area. Montana Fish and Game Department, P-R Job Compl. Rept. Proj. W-49-R-9, Job III-D.

Cahalene, V. H. 1939. The evolution of predator control policy in the National Parks. J. of Wildl. Mgmt., 3(3): 229-237.

Craig, V. 1961. Era of lobo. Montana Wildlife. July.

Everin, W. A. 1952. Predators - Enemy or friend. Montana Wildlife.

Hornocker, M. G., J. J. Craighead, and E. W. Pfeiffer. 1965. Immobilizing mountain lions with saccinylcholine chloride and pentobarbital sodium. J. Wildl. Mgmt., 29(4): 880-883.

Murie, A. 1940. Ecology of the coyote in the Yellowstone. Fauna of the National Parks of the U.S. National Park Service Bull. 4. 206 pp.

Murie, O. J. 1945. Notes on coyote food habits in Montana and British Columbia. J. Mamm., 26(1): 33-40.

Newby, F. E. 1953. Montana's Wilderness Wanderers. Montana Wildlife. Winter.

Newby, F. E. and R. L. Brown. 1958. A new approach to predator management in Montana. Montana Wildlife. August.

Newby, F. E. 1959. The lynx - A furbearer. Montana Wildlife. June: 19-21.

- Robinson, W. B., and M. W. Cummings. 1951. Movements of coyotes to and from Yellowstone National Park. Special Scientific Report. Wildlife No. 11. U.S. Fish and Wildlife Service.
- Robinson, W. B. and E. F. Grand. 1958. Comparative movements of bobcats and coyotes and disclosed tagging. J. Wildl. Mgmt., 22(2): 117-122.
- Sharp, W. M. 1951. Observations on predator prey relations between wild ducks, trumpeter swans and golden eagles. J. Wildl. Mgmt., 15(2): 224-226.

SEE ALSO:

ANTELOPE: Thompson, 1949.

BEAR (GENERAL): Brown, 1959.

WHITE-TAILED DEER: Aiton, 1938.

BIRDS (GENERAL): Bergeson and Greene, 1948; Brown, 1957, 59; Craighead and Craighead, 1965; Mills, 1945; O'Halloran, 1961; Rothweiler, 1960; and Woodgerd, 1952.

RING-NECKED PHEASANT: Arnold, 1958; Atwell, 1959; Green, 1948; and Ruff, 1963.

PARASITES AND DISEASES

- Anonymous. 1966. What you should know about rabies. Montana Outdoors. 1(6).
- Barrett, R. E. and D. E. Worley. 1965. The incidence of Dictyocaulus spp. in three populations of elk in southcentral Montana. Bull. Wildlife Disease Assoc., 2: 5-6.
- Bell, J. F.; G. W. Sciple and A. A. Hubert. 1955. Microenvironment concept of the Epizootology of Avian Botulism. J. Wildl. Mgmt., 19(3): 352-357.
- Bell, J. F., W. J. Hadlow, and W. L. Jellison. 1955. Chiropteran rabies in Montana. Public Health Rep. 70: 991-994.
- Bell, J. F., W. L. Jellison, C. R. Owen, and C. L. Larson. 1959. Applicability of the Ascoli test to epizootic tularemia in wild rodents. J. Wildl. Mgmt., 23: 238-240.
- Bell, J. F., C. R. Owen, and W. L. Jellison. 1962. A comparison of Eurasian and North American tularemia. Japanese J. of Bacteriology. 17 (7): 602-603, July. (In English).

- Bell, J. F., C. R. Owen, W. L. Jellison, G. J. Moore, and E. O. Baker, 1962. Epizootic tularemia in pen-raised beavers, and field trials of vaccines. *Am. J. Vet. Res.* 23 (95): 884-888.
- Coatney, G. R., W. L. Jellison. 1940. Some blood parasites from Montana birds. *J. of Parasitology.* 26: 158-160.
- Cox, H. R., W. L. Jellison and L. E. Hughes. 1941. Isolation of western equine encephalomyelitis virus from a naturally infected prairie chicken. *Public Health Reports*, 56: 1905-1906.
- DeNio, R. M. and R. M. West. The foot worm disease in deer of the Northern Rocky Mountain region. U.S. Forest Service, Field Notes on Wildlife. 2(6), 6 pp. (multilith).
- Dunn, L. H. and R. R. Parker. 1924. Fleas found on wild animals in the Bitterroot Valley, Montana. U. S. Public Health Report. 38: 2763-2775.
- Fenstermacher, R. and W. L. Jellison. 1933. Diseases affecting moose. U. of Minn. Agr. Expt. Sta. Bull. 294, 20 pp.
- Forrester, D. J. 1960. A preliminary investigation of the protostrongylin lungworm - bighorn sheep relationships in Montana. Unpubl. M.S. Thesis. University of Montana, Missoula. 79 pp.
- Forrester, D. J. 1962. Land mollusca as possible intermediate hosts of Protostrongylus stilesi, a lungworm of bighorn sheep in western Montana. *Proc. Mont. Acad. Sci.*, 22: 82-92.
- Forrester, D. J. and C. M. Senger. 1963. Effect of temperature and humidity on survival of first stage Protostrongylus stilesi larvae. *Exp. Parasitology*, 13: 83-89.
- Forrester, D. J., and C. M. Senger, 1963. Bighorns and lungworm. *Montana Wildlife.* April: 2-7.
- Forrester, D. J. and C. M. Senger. 1964. Prenatal infection of bighorn sheep with Protostrongy lungworms. *Nature*, 201 (4923): 1051.
- Forrester, D. J., and C. M. Senger. 1964. A survey of lungworm infection in bighorn sheep of Montana. *J. Wildl. Mgmt.*, 28(3): 481-491.
- Gray, M. 1964. Infections due to Listeria Monocytogenes in wildlife. *Trans. 29th N. Amer. Wildl. and Nat. Res. Conf.*
- Hadlow, J. F. and W. L. Jellison. 1962. Amyloidosis in Rocky Mountain bighorn sheep. *J. Am. Vet. Med. Assn.*, 141(2): 243-247.
- Henshaw, H. W. and C. Birdseye. 1911. The mammals of Bitterroot Valley, Montana in their relation to spotted fever. USDA, Bur. Biol. Surv. Cir. No. 82. pp. 22.

- Greiner, E. C. 1965. The incidence of Protostrongylus macrotis in Antilocapra americana from Yellowstone National Park and a survey of the internal parasites of Odocoileus virginianus from Fergus County, Montana. Unpub. Rept., Montana State University, Bozeman.
- Jellison, W. L. 1931. Spilogale greycilis saxatilis, recorded from Montana J. of Mamm. 12:314.
- Jellison, W. L. 1933. Faunae of nests of the magpie and crow in western Montana. Canadian Entomologist. 65: 26-31.
- Jellison, W. L. 1933. Parasites of porcupines of the genus Erethizon (Rodentia). Transactions of American Microscope Society, 52: 42-47.
- Jellison, W. L. 1936. The occurrence of the cestode, Moniezia benedeni (Anaplocephalidae) in the American moose. Proc. Helminthological Soc., Washington. 3: 16.
- Jellison, W. L. 1939. Sylvatic plague! studies of predatory and scavenger birds in relation to its epidemiology. Public Health Reports, 54: 792-98.
- Jellison, W. L. 1939. Notes on the fleas of prairie dog. with the description of a new subspecies. Public Health Reports, 54: 840-844, with text-figures.
- Jellison, W. L. 1940. The burrowing owl as a host to the argasid tick, Ornithodoros parkeri. Public Health Reports, 55: 206-208.
- Jellison, W. L. 1942. Host distribution of lice on native American rodents north of Mexico. J. of Mamm. 23: 245-250.
- Jellison, W. L. G. M. Kohls and H. B. Mills. 1943. Siphonaptera: species and host list of Montana fleas. Montana State Board of Entomology, Misc. Pub. No. 2.
- Jellison, W. L. and R. R. Parker. 1945. Rodents, rabbits and tularemia in North America - some zoological and epidemiological considerations. Am. J. Tropical Medicine. 25: 349-362.
- Jellison, W. L. 1945. The geographical distribution of Rocky Mountain spotted fever and Nuttall's cottontail in western United States. Public Health Reports, 60: 958-961.
- Jellison, W. L. 1947. An undetermined parasite in the lungs of a rock rabbit, ochotona princeps Richardson (Lagomorpha; ochotonitae). Proc. Helminthological Soc. Washington. 14: 75-77.
- Jellison, W. L., P. L. Eneboe, R. R. Parker, and L. E. Hughes. 1949. Rat-bite fever in Montana. Public Health Reports, 64: 1661-1665.

- Jellison, W. L. 1950. Haplomycosis in Montana rabbits, rodents, and carnivores. Public Health Reports, 65: 1057-1063.
- Jellison, W. L. 1950. Haplomycosis in Montana rabbits, rodents, and carnivores. Abstract of papers of the Fifth International Congress of Microbiology Rio de Janeiro. pp. 134-135.
- Jellison, W. L. 1953. Brucellosis in a moose, Alces americanus. J. Wildl. Mgmt., 17(2): 217-218.
- Jellison, W. L., and G. M. Kohls. 1953. Tularemia in sheep and in sheep industry workers in western United States. Sixth Int. Congress Microbiology, Rome.
- Jellison, W. L. and G. M. Kohls. 1955. Tularemia in sheep and in sheep industry workers in western United States. Public Health Monograph. No. 28.
- Jellison, W. L., and K. Reishard. 1955. Leptospirosis. Fourth ed. of Hull: Diseases transmitted from animals to man. Charles C. Thomas, Springfield, Ill., pp. 523-537.
- Jellison, W. L., J. F. Bell, J. D. Vertress, M. A. Holmes, C. L. Larson, and C. R. Owen. 1958. Preliminary observations on diseases in the 1957-58 outbreak of *Microtus* in western U.S. Trans. 23rd N. Amer. Wildl. Conf: 137-145.
- Jellison, W. L. 1959. Fleas and disease. Ann. Rev. Entomology, 4: 389-414.
- Jellison, W. L., B. Locker, and R. F. Bacon. 1960. Index to the literature of Siphonaptera of North America. Wildlife Disease No. 4, 201 pp.
- Jellison, W. L., C. R. Owen, J. F. Bell, and G. M. Kohls. 1961. Tularemia and animal populations. Ecology and epizootiology. Wildlife Disease No. 17: pp. 1-22.
- Jellison, W. L., H. Jacobson, and S. Flora. 1965. Tick-borne tularemia and tick paralysis in cattle and sheep. Proc. 68th U.S. Livestock Sanitary Assoc. pp. 60-64.
- McBee, R. H., D. E. Worley and R. E. Barrett. 1964. Rumen physiology and parasitology of the northern Yellowstone elk herd. January, 1962 to July, 1963. Progress Report submitted to National Park Service. 128 pp.
- Parker, R. R., W. L. Jellison, G. M. Kohls and G. E. Davis. 1940. Tularemia infection found in streams. Public Health Reports, 55: 489-492.
- Parker, R. R., E. A. Steinhaus, G. M. Kohls and W. L. Jellison. 1951. Contamination of natural waters and mud with Pasteurella tularensis and tularemia in beavers and muskrats in the north-western United States. National Inst. of Health, Bull. No. 193. 61 pp.

- Philip, C. B., W. L. Jellison, and H. F. Wilkins. 1935. Epizootic tick-borne tularemia in sheep in Montana. J. Amer. Vet. Med. Assoc., 86: 726-744.
- Rush, W. M. 1932. Bangs disease in Yellowstone National Park buffalo and elk herds. J. Mamm. 13: 371-372.
- Scott, J. W. 1934. Diphyllbothrinm condatum in Yellowstone Park bears. J. Colo.-Wyo. Acad. Sci., 1: 6.
- Senger, C. 1958. Notes on the ecto and endoparasites of the Rattlesnake deer herd. Proc. Mont. Acad. Sci. 18: 33-35.
- Senger, C. and R. Ruff. 1962. Survival and development of Nematodirid ova in pellets under drying conditions and freeaing conditions. J. Parasit., 48(2) Sec. 2, pp. 50.
- Senger, C. and D. Forrester. 1962. Survival of Nematodirid Larva at higher temperatures. J. Parasit., 48(2) Sec. 2, pp. 590.
- Senger, C. 1963. Some parasites of Montana deer. Montand Wildlife. Autumn.

SEE ALSO:

WHITE-TAILED DEER: Aiton, 1938.

REFUGES AND PRESERVES

- Anonymous. 1936. Abandonment of Sun River Elk Preserve to be investigated. Montana Fish and Game Notes, November: 22-23.
- Anonymous. 1957. The National Bison Range, Moiese, Montana. Montana Wildlife. February.
- Anderson, I. V. 1941. The game refuge as a game management factor in Montana. Proc. Mont. Acad. Sci. 2: 31-38.
- Elrod, M. J. 1926. The Montana National Bison Range. J. Mamm., 7: 45-48, illus.
- Sharp, W. M. and W. E. Banko. 1953. Red Rock Lakes. Conservation in action No. 10, U.S. Fish and Wildlife Service.
- Thompson, K. 1942. A study of Little Joe Game Preserve Unit No. 22 Clark's Fork Game Management Unit - 1941-42. Montana Fish and Game Department, Special Report. 10 pp. (typewritten).

RANGE AND FORAGE MANAGEMENT (GENERAL)

- Anonymous. 1957. Range revegetation on the Beaverhead National Forest. U.S. Dept. of Agri., For. Serv. Report.
- Anonymous. 1960. Montana State grazing districts handbook, 3rd Revised Edition. State of Montana.
- Anderson, I. V. 1933. The forest problem in western Montana. J. Forestry 31: 4-13, illus.
- Berg, W. A., L. D. Logan, R. C. McConnell and M.S. Morris. 1964. Soil management report, Ashland and Fort Howes Range - Districts, Custer National Forest. U.S. For. Serv., Northern Region. Unpubl. Report.
- Boe, K. N. 1952. Effects of slash disposal on lodgepole pine regeneration. Proc. Mont. Acad. Sci., 12: 27-33.
- Boll, L. 1957. Forage evaluation and nutrition studies - game range surveys. Montana Fish and Game Department, P-R Job Compl. Rept. Proj. W-37-R-8, Job B-7.
- Branson, F. A. 1955. Relationships of grass morphology to grazing resistance. Proc. Mont. Acad. Sci. 15: 41-43.
- Branson, F. A. and G. F. Payne. 1957. Effects of sheep, gophers and protection on vegetation of the Bridger Mountains. Proc. Mont. Acad. Sci., 17: 7.
- Carter, R. L. 1951. An environmental analysis of winter game range in western Montana. Unpubl. M.S. Thesis, University of Montana, Missoula. 103 pp. (typewritten).
- Casebeer, R. L., and M. Rogrud. 1950. A browse utilization study of big game winter ranges within the Flathead Forest of the Continental Management Unit. Montana Fish and Game Department. P-R Progress Report. Wildlife Rest. Div. 29 pp.
- Cole, G. F. 1956. Forage evaluation and nutrition studies - game range surveys. Montana Fish and Game Department. P-R Job Compl. Rept. Proj. 2-37-R-7, Job III-A.
- Cole, G. F. 1957. A browse survey method for use on Montana big game ranges. Montana Fish and Game Department, Special Rept. Proj. W-37-R-8. 12 pp.
- Cole, G. F. 1957. A vigor measurement method for determining trends in the condition of key forage bunchgrasses on Montana elk ranges. Montana Fish and Game Department, Special Rept. Proj. W-37-R-8. 20 pp.
- Cole, G. F. 1957. Range survey guide. Montana Fish and Game Department. 18 pp. (multilith).

- Cole, G. F., and B. T. Wilkins. 1958. Bunchgrass form classes for trend studies. J. Range Mgmt. 11(2): 92-93.
- Cole, G. F. 1959. Key browse survey method. Proc. West. Assoc. State Game and Fish Comm. 39: 181-186.
- Cole, G. F. 1960. Experimental range work techniques - Game range survey. Montana Fish and Game Department, P-R Job Compl. Rept. Proj. W-37-R-10, Job B-2.
- Cole, G. F. 1960. Standardization of range techniques for routine surveys and forage use investigations. Montana Fish and Game Department, P-R Job Compl. Rept., Proj. W-37-R-11, Job A-1. (multilith).
- Collins, R. W. and L. C. Hurtt. 1943. A method for measuring utilization of bluestem wheatgrass on experimental range pastures. Ecol., 24: 124-125.
- Criaghead, J. J. 1963. Wildlife use of wildland forest and conservation experiment station. Special Publication No. 1. Montana State University. pp. 69-75.
- Evanko, A. B., and R. A. Peterson. 1955. Comparisons of protected and grazed mountain rangelands in southwestern Montana. Ecol. 36(1): 71-82.
- Fletcher, R. S. 1919. The end of the range in eastern Montana. Misc. Valley Hist. Rev. 16: 187-211.
- Grim, R. 1939. North Yellowstone winter range studies. J. Wildl. Mgmt., 3(4): 295-306.
- Heady, H. F., R. T. Clark and T. Lommasson. 1947. Range management and sheep production in the Bridger Mountains, Montana. Montana Agr. Expt. Sta. Bull. 444. 30 pp.
- Hodder, R. L. 1948. West Gallatin elk winter range studies. Montana Fish and Game Department. P-R Quarterly Report, October-December: 21-29.
- Hodder, R. L. 1953. Affects of fertilizer trials on the Gallatin elk winter range. Montana Fish and Game Department. P-R Quarterly Report. April-June: 49-54.
- Hodder, R. L. 1953, '55. Game range development surveys. Montana Fish and Game Department. P-R Quarterly Report (4(4): 21-25 and Job Compl. Rept. (1955), Proj. W-37-R.
- Hodder, R. L. 1954. Field trials in determining browse use with standability of willow, aspen reproduction and sagebrush. Montana Fish and Game Department. P-R Quarterly Report, January-March: 8-18.

- Hodder, R. L. 1955. Gallatin elk winter range survey. Montana Fish and Game Department, Special Report. Proj. W-37-R, 12 pp.
- Hodder, R. L. 1955. Sun River Game Range survey. Montana Fish and Game Department. P-R Quarterly Report: Special Report.
- Houston, W. R. and R. R. Woodward. 1966. Effects of stocking rates on range vegetation and beef cattle production in the Northern Great Plains. Mont. Agr. Expt. Sta. Tech. Bull. No. 1357.
- Humphrey, N. 1966. A District Manager's dilemma - Wildlife habitat and multiple use management. 46th Ann. Conf. West. Assoc. of State Game and Fish Comm.
- Hultt, L. C. 1951. Managing Northern Great Plains cattle ranges to minimize effects of drought. U. S. Dept. Agr. Circ. 865. 24 pp.
- Jameson, D. A. 1952. Nutritive value of browse on Montana winter ranges. J. Range Mgmt. 5(5): 306-310.
- Johnson, F., A. Zajanc and J. E. Schmautz. 1950. Browse production on five winter deer ranges in Lincoln County. Montana Fish and Game Department. P-R Quarterly Report. Proj. W-36-R.
- Kirkwood, J. E. 1928. Notes on some forest seeding experiments in the Rocky Mountains. Northwest Sci. 2: 1-8.
- Larson, J. A. and C. C. Delvan. 1922. Climate and forest fires in Montana and northern Idaho, 1909-1919. U. S. Monthly Weather Review, 50: 55-68.
- Lind, C. V. 1966. Wildlife habitat management and BLM: A boon or boondoggle? 46th Ann. Conf. West. Assoc. of State Game and Fish Comm.
- McCall, R., R. T. Clark, and A. R. Patton. 1943. The apparent digestibility and nutritive value of several native and introduced grasses. Mont. Agr. Exp. Sta. Tech. Bull. 418: 1-30.
- Miles, A. D. 1954. Improved pasture for spring and summer; range for fall and winter. J. Range Mgmt. 7(4): 149-151.
- Moir, A. 1943. Carrying capacity of range of Northern Yellowstone elk herd outside the Park boundary. Montana Fish and Game Department. Special Report. 3 pp.
- Pechanec, J. F. 1963. Forest resources of western Montana. U.S. Dept. Agr. Intermountain For. and Range Exp. Sta.
- Reed, M. J. and R. A. Peterson. 1961. Vegetation, soil and cattle responses to grazing on Northern Great Plains. U.S.D.A. For. Serv. Tech. Bull. No. 1252. 79 pp.

- Sarvis, J. T. 1923. Effects of different systems and intensities of grazing upon the native vegetation at the Northern Great Plains Field Station. U. S. Dept. Agr. Bull. 1170. 45 pp.
- Schmautz, J. E. and A. Zajanc. 1949. Browse investigations, horse range and Swede Mountain, Lincoln County, deer management unit. Montana Fish and Game Department. P-R Quarterly Report, 18-24.
- Smith, G. A. 1928. Game conditions in the National Forests of Montana and northern Idaho. Big Horn, 5(2): 4-5.
- Spragg, F. A. 1902. Forage conditions of central Montana. Montana Agr. Expt. Sta. Bull. 36.
- Steele, Robert W. 1960. The role of forest fire in the Bob Marshall Wilderness Area. Montana State University, School of Forestry, Missoula.
- Stickney, P. F. 1966. Browse utilization based on percentage of twig numbers browsed. J. Wildl. Mgmt. 30(1): 204-206.
- U. S. Forest Service. 1958. Range management handbook. USDA. For. Serv., Washington, D. C.
- U. S. Forest Service. 1959. Forest Service handbook, 2600, wildlife management. USDA For. Serv., Washington, D. C.
- U. S. Forest Service. 1960. Willow damage in the Gravelly Range, Montana. Unpubl. Report. Beaverhead National Forest.
- Wilkins, B. 1958. Experimental range work - techniques - game range survey. Montana Fish and Game Department. P-R Job Compl. Rept. Proj. W-37-R-9, Job B-2.
- Woolfolk, E. J. 1949. Stocking Northern Great Plains sheep range for sustained high production. U. S. Dept. Agr. Circ. 804. 39 pp.
- Woolfolk, E. J. and B. Knapp. 1949. Weight and gain of range calves as affected by stocking. Montana Agr. Expt. Sta. Bull. 463. 26 pp.
- U. S. Gov't. 74th Congress. 1936. The Western Range. U.S.

SEE ALSO:

PLANTS AND VEGETATION: Allred, 1941; Anderson, 1962; Boe, 1948; Booth, 1947; Cotter, 1963; Cox, 1960; Ellison and Woolfolk, 1937; Fissor, 1961; Heady, 1950; Homes and Tackle, 1962; Humes, 1957; Jameson, 1952; Janson, 1949; Joy, 1954; Larson, and Delavan, 1929-30; Leiberg, 1899, 1904; Matlox, 1955; McCall, et. al., 1943; McWilliams and Van Cleave, 1960; Mitchell, 1958; Morris, 1941, 47; Murrar, 1961; Norem, 1940; Pase, 1948; Patton and Giesecker, 1942; Patton, 1943; Payne, 1955, 59; Phillips, 1963; Polk and Boe, 1950; Roe, 1956; Shearer, 1959-60; and Welch and Morris, 1956.

MAMMALS (GENERAL): Adams, 1950; Squillace, 1953; Storm, 1963; and Tackle, 1957.

BIG GAME: Lyon, 1966; Mazzoni, 1966; and Rush, 1931.

ANTELOPE: Buechner, 1961.

DEER: Adams, 1948, 49; and Pengelly, 1963.

WHITE-TAILED DEER: Adams, 1951; Neils, 1955.

ELK: Barmore, 1965; Geis, 1954; Helvig, 1957; Hungerford, 1952; Kirsch, 1963; Morris and Hungerford, 1952; Morris, 1958; Parker, 1963; Pengelly, 1960; Rasmusson, 1962; Youngs, 1916; and others.

SHARPTAIL GROUSE: Brown, 1959-65, 1966.

DOMESTIC LIVESTOCK

Payne, G. F. 1955. Native plants as sources of nutrients for grazing animals. Proc. Mont. Acad. Sci. 15: 45-47.

Sandvig, E. D. 1941. The wildland requirements for domestic livestock. Proc. Mont. Acad. Sci. 2: 50-57.

SEE ALSO:

PLANTS AND VEGETATION: Chestnut and Wilcox, 1901; Morris and Welch, 1927; Patton and Gieseke, 1942; Patton, 1943; Swingel and Welch, 1916; Welch and Morris, 1952; and Wilcox, 1899.

BIG GAME:

PARASITES AND DISEASES: Jellison and Kohls, 1953, 55; Jellison, et. al., 1965; and Philip, et. al., 1935.

RANGE AND FOREST MANAGEMENT: Branson and Payne, 1957; Heady, et. al. 1947; Houston and Woodward, 1966; Hurtt, 1951; Jameson, 1952; McCal, et. al, 1943; Reed and Peterson, 1961; Woolfolk, 1949; and Woolfolk and Knapp, 1949.

GAME-LIVESTOCK REL.: Cole, 1956; Dolan, 1965; Mackie, 1961-65; Morris, 1956; Peek, 1963; Rouse, 1961; Rush, 1932; and Stevens, 1965, 66.

CATTLE

- Holscher, C. E. and E. J. Woolfolk. 1953. Forage utilization by cattle on Northern Great Plains ranges. U. S. Dept. Agr. Cir. 918. 27 pp.
- Jameson, D. A. 1952. The chemical composition and utilization of greasewood and other browse species as related to some aspects of cattle nutrition on winter ranges in southeastern Montana. Unpubl. M.S. Thesis, Montana State University, Bozeman.
- Marsh, H., K. F. Swingle, R. R. Woodward. 1959. Nutrition of cattle on an eastern Montana range. Mont. Agr. Expt. Sta. Bull. 549. 91 pp. illus.
- Mueggler, W. F. 1965. Cattle distribution on steep slopes. J. Range Mgmt., 18(5): 255-257.
- Parker, K. G. 1956. Range vegetational types, range condition and range sites in relation to incidence of Urolithiosis in range cattle. Unpubl. M.S. Thesis. Montana State College, Bozeman.
- Peterson, R. A. and E. J. Woolfolk. 1955. Behavior of Hereford cows and calves on short grass range. J. Range Mgmt. 8(2): 51-57.

SHEEP

- Mackie, R. J. 1966. Some observations on range use and food habits of domestic sheep in the Missouri River Breaks, Montana. Montana Fish and Game Department, P-R Job Compl. Rept. Proj. W-98-R, Job B-7. 10 pp. (multilith).
- Spang, E. F. 1954. Utilization of Fringed Sagewort on a winter sheep range. J. Range Mgmt., 7(2): 73-74.
- Tiegen, M. L. 1949. Forage preferences of range sheep. Unpubl. M. S. Thesis, Montana State College, Bozeman. 44 pp.

GAME-LIVESTOCK RELATIONSHIPS

- Cole, G. F. 1958. Big game-livestock competition on Montana's mountain rangelands. Montana Wildlife. April: 24-30.
- Dolan, J. 1965. Big game-livestock competition for forage on western range. RM-500 Seminar Report, Range Management. Department, Montana State University, Bozeman. 18 pp.

- Mackie, R. J. 1961-65. Deer, elk and cattle food habits and range relationships in the Missouri Breaks area. Montana Fish and Game Department. P-R Job Compl. Rept. Proj. W-98-R-1 through 4, Job B-7. (multilith)
- Mackie, R. J. 1965. Range ecology and relations of mule deer, elk, and cattle in the Missouri River Breaks, Montana. Unpubl. PhD Thesis. Montana State University, Bozeman. 229 pp.
- Morris, M. S. 1956. Elk and livestock competition. J. Range Mgmt., 9(1): 11-14.
- Peek, J. M. 1963. Summer of 1956-1960 Gravelly-Snowcrest rumen collections. Montana Fish and Game Department. P-R Compl. Rept. Proj. W-73-R-8, Job A-1.
- Rouse, R. A. 1957-61. Elk investigations (elk-livestock relationships). Montana Fish and Game Department. P-R Compl. Repts., Proj. W-73-R-3 through 6. Job A-1.1.
- Rush, W. M. 1932. Conflict between domestic stock and game animals resulting from food habits. U.S. For. Serv., Missoula. 5 pp. (typewritten).
- Stevens, D. R. 1965. Range relationships of elk and livestock in the Crow Creek drainage, Elkhorn Mountains, Montana. Unpubl. M.S. Thesis, Montana State University, Bozeman. 68 pp.
- Stevens, D. R. 1966. Range relationships of elk and livestock, Crow Creek drainage, Montana. J. Wildl. Mgmt., 30(2): 349-363.

EFFECTS OF CHEMICALS

- Anonymous. 1964. Pesticide patterns and storm warnings. Montana Wildlife. Spring.
- DeHart, J. L. 1920. What gopher poison has done. Montana Fish and Game Comm., 1919-20 Biennial Report: 40-43.
- Eng, R. L. 1952. A two-summer study of the effects on bird populations of chlordane bait and aldrin sprays as used for grasshopper control. Unpubl. M.S. Thesis. Montana State College, Bozeman, 27 pp.
- Eng, R. L. 1952. A two-summer study of the effects on bird populations of chlordane bait and aldrin spray as used for grasshopper control. J. Wildl. Mgmt., 16(3): 326-337.
- Finley, R. and M. Richmond. 1963. Phosphamidon application in Montana. United States Department of the Interior, Fish and Wildlife Service. Circ. 199: 56-57.

- Finley, R. B. 1965. Adverse effects on birds of phosphamidon applied to a Montana forest. J. Wildl. Mgmt., 29(3): 580-591.
- Graham, R. J. 1958. The effects of aerial spraying on fish and wildlife. 49th West. Forestry Conf., San Francisco, Calif. 5 pp. (multilith).
- Hoffman, R. 1957. Effect of DDT spraying for spruce budworm on small animals, grouse and insect populations. Montana Fish and Game Department. P-R Job Compl. Rept. Proj. W-74-R-3.
- Hoffman, R. S., R. G. Janson, and F. Hartkorn. 1958. Effect on grouse populations of DDT spraying for spruce budworm. J. Wildl. Mgmt., 22(1): 92-93.
- Martin, N. S. 1965. Effects of chemical control of sagebrush on the occurrence of sage grouse in southwestern Montana. Unpubl. M. S. Thesis. Montana State University, Bozeman.
- McEwen, L. C. and R. L. Brown. 1966. Acute toxicity of dieldrin and malathion to wild sharp-tailed grouse. J. Wildl. Mgmt., 30(3): 604-611.
- McGahan, J. 1966. Determining population and habitat norms for evaluation of effects of pesticides. 46th Ann. Conf. West. Assoc. State Game and Fish Comm.
- Mussehl, T. W. 1965. Blue grouse population study (side effects) of insecticides used in spruce budworm control. Montana Fish and Game Department. P-R Compl. Rept., Proj. W-91-R-6, Job II-C. 40 pp. (multilith).
- Mussehl, T. W. 1966. Evaluation of side effects of experimental insecticides to forest grouse. Montana Fish and Game Department. Progress Report. 1965-66. Proj. 32-B-9. 34 pp.
- Nelson, D. W. and V. N. Stokes. 1960. Using helicopter to chemically control big sagebrush and wyethia on the Beaverhead National Forest. U.S. For. Serv. Rept., Beaverhead National Forest.
- Quimby, D. C. 1966. A review of literature relative to effects and possible effects of sagebrush control on certain game species in Montana. 46th Ann. Conf. West. Assoc. State Game and Fish Comm.
- Smith, E. H. and T. W. Mussehl. 1965. Pesticides, wildlife management and the public forests. Proc. 64th Ann. Meet. Society of American Foresters.
- Thompson, J. and L. Secor. 1957. Report on use of deer repellent for prevention and control of damage to hay stacks by game animals in southwestern Montana. 1955-57. Montana Fish and Game Department Special Report.
- U. S. Forest Service and State Forester. 1956. Spruce budworm information, Montana-North Idaho spray operation. U. S. For. Serv. Info. Bull.

SEE ALSO:

RANGE AND FOREST MANAGEMENT: Anonymous, 1957; and U.S. For. Serv. 1960.

